



# University of Mianwali PROSPECTUS 2022





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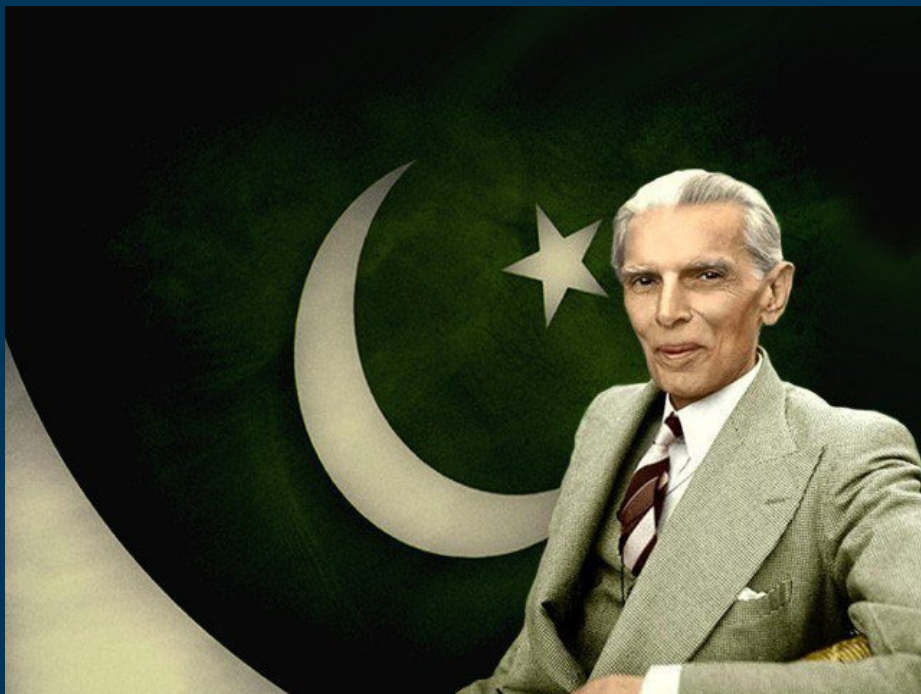
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# THE QUAID'S MESSAGE TO STUDENTS

I am not making any particular reference to you but now that I have had the opportunity of talking to you, I must warn you not to allow your actions to be guided by ill-digested information or slogans and catch-words. Do not take them to heart or repeat them parrot-like. Take advantage of your period of training that this institution offers you by equipping yourself to become leaders of the future generation. There is a common fault with the students against which I must warn you. The students believe that no one can tell them anything which they do not already know. That mentality is harmful and often leads to quite a lot of mischief. But if you want to learn by your own experience, and not by the experience of your elders, let me tell you that as you become older, you will be more ready to learn from your costly experiences and the knock that you shall have received during your lifetime which will harm you more than anybody else.

Remember, you must have patience. Rome was not built in a day. Time factor, therefore, is essential. You must trust in your Government and I assure you that they are fully alive to the needs of the people, and particularly the masses who require special attention. Give them full chance and opportunity. The success of our achievements will depend upon our unity, discipline and faith not only in ourselves but in God who determines the destinies of people and nations.

My young friends!

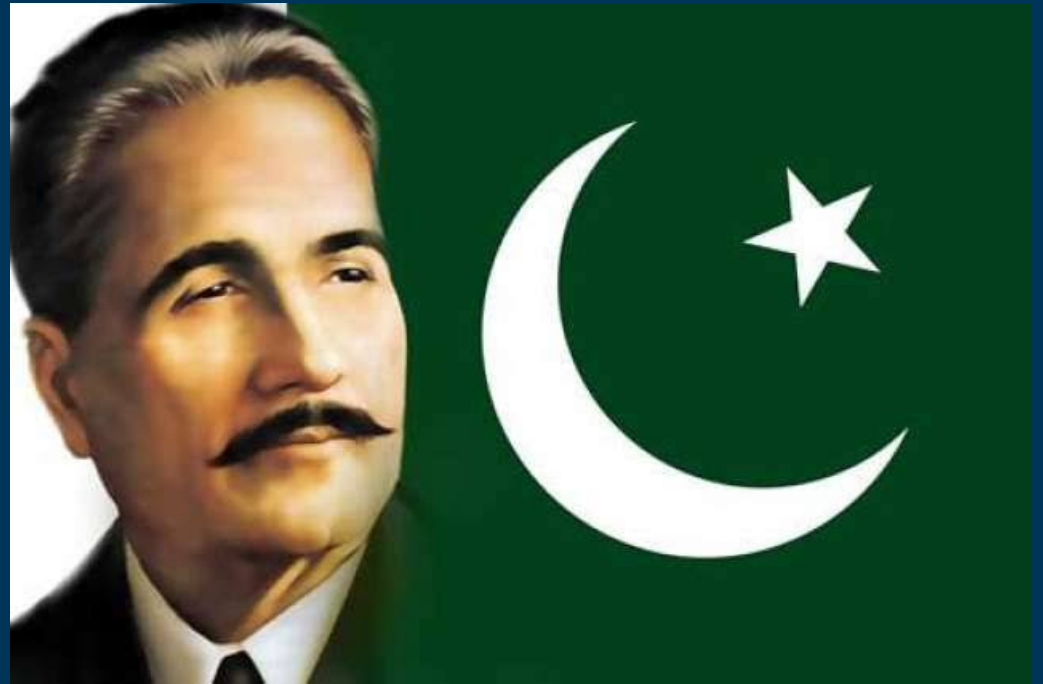
You must now fully realize the vital change, the fundamental change that has taken place. You are not now merely to confine yourselves to becoming Government servants which was the avenue to which most of you aspired. You must now realize that fresh fields, new channels and avenues are now being thrown open to you where you have unlimited opportunities, namely, you must now direct your attention to science, commercial banking, insurance, industry and technical education.

I thank you again for the honor you have done me today.

**Responsibilities of the youth**  
**12th April 1948**  
**Islamia College Peshawar**

# EDUCATIONAL THOUGHTS OF ALLAMA MUHAMMAD IQBAL

Without education no nation could progress even survive in the world. But modern education produces only money-making machines. The moral values are getting eradicated. Social fabric is getting weakened. We are imparting theoretical knowledge based upon education. We have to make the children more aware on socialization. Even the information being given is very much non uniform in all the states. I think that life without education is a waste.



# MESSAGE FROM THE CHANCELLOR



It is worth appreciable that the University of Mianwali is starting its new academic year. Its establishment has shown a commitment to brilliance and to serve the requirements of the community.

This University will always strive to impart high-quality education, providing students with the shrewdness to be able to tackle both national and international challenges. The faculty and staff at University of Mianwali is dedicated and capable of converting the challenges into opportunities, practicing their excellence in teaching, learning and research; fulfilling the needs of the community.

University of Mianwali will introduce modern curriculum, good student engagement, paramount professional training, effective faculty development, local and international collaborations, spacious building, industry partnerships, immense research endeavors and much more.

I will focus my attention to respond to the challenges of mutable sector of higher education, identifying our strengths and building idiosyncratic character and distinctiveness.

As Chancellor, I am certain that all efforts to outdo in the field of higher education and the infusion of moral values in the students at the University of Mianwali will continue in future with greater obsession.

*Muhammad Baligh Ur Rehman*

Governor Punjab

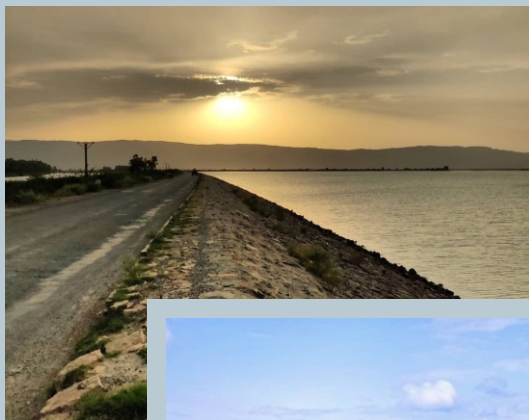
# MESSAGE FROM THE VICE CHANCELLOR



I welcome you to the University of Mianwali with the affection of a parent and the zest of an educational reformer. Since its inception in 2019, the University has been functioning with enthusiasm and verve. We have launched innovative research in various new disciplines and new academic courses, which will certainly help us create a milieu that is essential for acquiring lofty academic standards. The University of Mianwali is committed to providing modern infrastructure and state-of-the-art facilities to enable the students to update their knowledge in various scientific disciplines by providing access to contemporary technology. At the same time, the University has been quite successful in maintaining a balance between modern trends in education and its old traditions. Furthermore, the University aims to inculcate critical thinking and enhance the intellectual grooming of the students which is essential for becoming proactive, productive, and responsible citizens. In addition, the beautiful campus has an exclusive administrative block and two academic blocks where the administrative and academic activities are being carried out independently. The academic blocks house state-of-the-art classrooms, well-equipped laboratories, the library, and faculty offices. A bachelor's hostel for faculty is already functioning. In order to meet the growing needs of the University, the work on infrastructure development is moving at a fast pace. Since its inception, the campus has made tremendous progress both in academic and co-curricular activities with the dedication and hard work of the faculty members. Currently, more than 20 undergraduate programs are being offered in various disciplines under the Faculty of Sciences and Faculty of Social Sciences & Humanities. We would not halt here and try to expand the sphere of academic activities by launching several new disciplines to respond to the new demands of society and the job market. The University intends to launch its M.Phil/PhD programs in selected disciplines in near future for which the preliminary work has already been completed. I am confident that in the coming years, we, as a team of highly dedicated professionals, will open new vistas and avenues in the field of higher education and research. We are determined to transform the campus into one of the highest seats of learning in the country.

I warmly felicitate you to explore the various opportunities that we offer at the University of Mianwali---A Gateway to Excellence

*Prof. Dr. Islam Ullah Khan*



# CITY OF MIANWALI

**M**ianwali District was an agricultural region with forests during the Indus Valley Civilization followed by the Vedic Civilization. In 997 CE, Sultan Mahmud Ghaznavi took over the Ghaznavid dynasty empire established by his father, Sultan Sebuktegin. In 1005 he conquered the Shahis in Kabul, followed by the conquests of Punjab region. The population of the Punjab region became majority Muslim, following the conquests by various Muslim dynasties from Central Asia. Immediately preceding the annexation of the Punjab by the British after the Anglo-Sikh Wars, this area was part of the Sikh Empire. During British rule, the Indian empire was subdivided into provinces, divisions and districts; afterward, the independence of Pakistan divisions remained the third tier of government until 2000. The British had established the town of Mianwali as tehsil headquarters of Bannu District then part of Dera Ismail Khan Division of Punjab province.

Though Mianwali is claimed an integral part of the Saraiki speaking belt by the Saraiki language activists, Punjabi-Saraiki division seems to hold little influence on common people in this district. Inhabitants of Mianwali district speak a great variety of Saraiki. Besides Saraiki and Punjabi, Pashto and Urdu languages are also spoken or used for communications by the people of Mianwali.

District Mianwali is spread over an area of 5,840 square kilometers and is in vicinity of district Attock on North-East, Chakwal and Khushab districts on East and Bhakkar on South and Khyber Pakhtunkhwa on its West and North-West. River Indus flows across the district from North to South. Three branches of the Thal Canal Emerging from Jinnah Barrage on river Indus near Kalabagh irrigate the vast areas. Another canal called Chashma Link Canal connects river Indus with river Jhelum through Chashma Barrage. The district has extreme hot and cold climate. The maximum temperature during the summer shoots up to 51 C while the minimum temperature recorded in winter is as low as 2 C. The average rainfall in the district is about 250mm.

Namal Lake is located on side of the Namal valley in Mianwali District, Punjab, Pakistan. It was formed following the construction of Namal Dam in 1913. The lake has a surface area of 5.5 square km. There are mountains on its Western and Southern sides while the other two sides are the agricultural areas.

The Kala Bagh Dam is a proposed hydroelectric dam on the Indus River at Kala Bagh in the Mianwali District, Punjab, Pakistan. The issue has been intensely debated along ethnic and regional lines for over 40 years. If constructed, the dam could generate 3,600 MW of electricity. It is also suggested and promoted as a potential solution to the chronic flooding problems and the related water crises in the country. Over the decades, the understanding of the environmental impacts of mega dam projects have grown, and Pakistan Economy Watch has demanded a national debate on the KBD issue.

# BRIEF INTRODUCTION & ACHIEVEMENTS OF THE UNIVERSITY

**T**he University of Mianwali, established recently in 2019, was previously a sub campus of the University of Sargodha since 2012. The University has faced many challenges and sailed out from them despite many constraints. The magnificent admin block, academic blocks and laboratories add to the grace of the University. In no time at all, it has started to flourish and has achieved many laurels in academics and co-curricular activities.

Currently, undergraduate programs (BS) in Natural Sciences, Social Sciences, and Art and Humanities are being offered in the University. MS and M. Phil programs in Social Sciences and Natural Sciences are going to be launched in the coming academic years. Various batches of students have passed out and a large number of them have been placed in different public and private sector organizations, in addition to being admitted in various well-known universities for higher studies. The students participate in various inter-departmental and inter-university sports and co-curricular competitions and secure distinguished positions. Several conferences, workshops, and symposia have been organized in which renowned scholars and academicians enlightened the audience. The faculty members have also participated in national and international conferences.





# CO-CURRICULAR ACTIVITIES

University of Mianwali, former Sub-Campus Mianwali, University of Sargodha is providing ample facilities of co-curricular activities for its students since 2019. These activities include competitions of Qirat, Naat, Speeches, Debates, Bait Bazi, Fine Arts, Drama, Poetry, Skits, Essay Writing, and Melody etc. The campus has established a co-curricular forum to inculcate cognitive, affective and psychomotor skills among students. The forum not only holds interdepartmental competitions, but also ensures the involvement of aspiring students to participate intervarsity competitions. The co-curricular forum also holds Annual Debates, Vigorous Spark and Grand Seminars each year. In addition to this, seminars, skits, symposia, exhibitions, conferences, and focused group discussions are conducted under the banner of co-curricular forum. Students are bestowed with certificates, cash prizes and appreciation letters on their best performances in these competitions.



Since the inception of Sub Campus Mianwali, several students have participated in intervarsity competitions held by other universities and have won the prizes. In the year 2017, the co-curricular forum conducted Annual Debates where students of the Campus participated, and five out of six participants won top positions.

The co-curricular forum has been conducting various activities in the name of Vigorous Spark since 2016 in which the students participate in multifaceted competitions including E-Gaming, Chess, Idea Presentation, Junk Art, Painting, Poster Design, Programing, Quizes, Singing, Sketching, Selfies, Thematic Film, Bait Bazi, Photography and Speeches etc.

The forum has previously organized three Mega Seminars on current issues and trends in education and a Seerat-ul-Nabi Conference in which renowned personalities of national repute were invited.

This forum has a professional linkage with Radio Pakistan Mianwali where students are given opportunities to participate and discuss current affairs and knowledge-oriented programs transmitted on national hookup.

In all Pakistan Inter Departmental Competitions, 2014, held at Govt. Post Graduate College for Boys, Bhakkar, students of the University of Mianwali won collective trophy with 1st position in Tilawat, 1st position in Naat and 1st position in Nazam. In the same series of competitions in 2015 at Govt. Post Graduate College for Boys, Bhakkar, our students earned 1st position in Tilawat, 3rd position in Urdu Debates and 3rd position in English debates.



# SPORTS



The Campus provides healthy and vigorous sports activities to boost up the Physical and Psychosocial development of students. Sports competitions are important to promote teamwork, discipline and enthusiasm among the youth. It is a fact that students show good academic results if they are compounded with physical activities along with cognitive nourishment. The available sports facilities include for Cricket, Hockey, Athletics, Volley Ball, Football, Hand Ball, Kabaddi and Badminton. Further efforts are being made to provide more facilities for grooming of the field. Students of the campus have participated in intervarsity sports competitions conducted in different universities of Pakistan. They had also participated in every sport gala competition and earned several positions. Winners of the sports events are awarded with medals, trophies, certificates and cash prizes. In these events, dignities from the different walks of life are invited to honor the occasion.

The campus has been organizing interdepartmental Sports Gala since 2012 on yearly basis. In the year 2019, a mega sports event was organized by the campus in which Cricket, Volley Ball, Tug of War and Badminton were the major events. The event of 2020 and 2021 were postponed due to COVID-19 situation.

Students of this campus has so far won various positions in different sports events organized by University of Sargodha including 3rd position in football, 3rd position in athletics (100-meter race), 3rd position in athletics (400-meter race), 1st position in table tennis, 3rd position in hockey, 3rd position in volleyball and 3rd position in handball.

# FACULTY OF **SOCIAL SCIENCES & HUMANITIES**

- Department of Arabic & Islamic Studies
- Department of Business Administration
- Department of Commerce
- Department of Economics
- Department of Education
- Department of English
- Department of Psychology
- Department of Urdu

# DEPARTMENT OF **ARABIC & ISLAMIC STUDIES**



**Dr. Muhammad Shafiq Asif**

Incharge / Assistant Professor

✉ arabic@umw.edu.pk

☎ 0459-920270, Ext. 120



DEPARTMENT OF  
ARABIC & ISLAMIC STUDIES

Islam is a complete code of life and provides guidance in social, political, judicial, economic, moral, ideological, psychological, spiritual, and scientific aspects of life. The department of Arabic and Islamic Studies intends to discuss the emerging issues in these dimensions in relation to the teachings of Quran and Sunnah and provide solution from Islamic perspective.

# BS

## ISLAMIC STUDIES

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
ISLS-5109	Tajweed o Qiraat-1	-----
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)
<b>Total 17(17-0)</b>		

<b>SEMESTER-2</b>		
ISLS-5110	Tajweed o Qiraat-2	-----
URCE-5102	English-II (Language and Presentation Skills)	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
ISLS-5108	Ethics (Optional)	2(2-0)
ISLS-5113	Arabic Through Quranic Text	3(3-0)
ECON-5112	Economics	3(3-0)
INTER-5102	Theories of International Relations	3(3-0)
ISLS-5114	Islamic Morals	3(3-0)
<b>Total 19(19-0)</b>		

<b>SEMESTER-3</b>		
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-5108	Mass Communication	3(3-0)
ISLS-5116	Cultural History of Islam	3(3-0)
<b>Total 15(15-0)</b>		

<b>SEMESTER-4</b>		
URCE-5104	English-IV (Introduction to English Literature)	3(3-0)
URCI-5109	Introduction to Info. & 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)
<b>Total 15(15-0)</b>		

<b>SEMESTER-5</b>		
ISLS-6209	Study of Sirah of Holy Prophet (PBUH)	3(3-0)
ISLS-6210	History of Tafsir and its Principles	3(3-0)
ISLS-6211	Textual Study of Al-Qur'an-I	3(3-0)
ISLS-6212	Textual Study of Hadith-I	3(3-0)
ISLS-6213	Usul al Fiqh	3(3-0)
<b>Total 15(15-0)</b>		

<b>SEMESTER-6</b>		
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'an-II	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)
<b>Total 17(17-0)</b>		

<b>SEMESTER-7</b>		
ISLS-6220	Al-Dawah wal Irshad	3(3-0)
ISLS-6221	Islam and 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	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-8</b>		
ISLS-6226	Study of Islamic Fiqh II	3(3-0)
ISLS-6227	Objectives of Shari'ah	3(3-0)
ISLS-6228	Philosophy and I'Im 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 -	
ISLS-6231	Thesis / Research Project	6(0-6)
<b>Total 15(15-0)</b>		

### ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent  
 Duration: 4 Years  
 Semesters: 8  
 Degree Requirements: Minimum 124 credit hours



# DEPARTMENT OF **BUSINESS ADMINISTRATION**



**Dr. Abdul Qayyum**

Incharge / Lecturer

✉ business@umw.edu.pk  
☎ 0459-920270, Ext. 121

**T**he Department of Business Administration University of Mianwali has been active in providing candidates with systematic knowledge and understanding of the principles of business and market dynamics. The degree programs are designed on team-based learning, class presentations, case studies, field research reports and other reference materials, to combine academic theories with empirical research, seminars and workshops on current economic and business developments are also organized in the Department.

The Department of Business Administration intends to provide quality and research-oriented business education. To keep pace with the dynamic world of business and business education, the department of Business Administration is accelerating in both ways, one, the department is expanding in its educational programs by introducing MBA Program and BBA (HONS) four years Program. Another development is to bring about change in syllabus, which is in compliance with the international education policy. The students are capable of all those disciplines which are the necessity of the day.

Degree Conferred personalities of the department in the disciplines of Finance, Accounting, Marketing & Human Resource management (HRM) are well received by corporate sector. It is expected that this change in nomenclature of the course would be well received by the corporate and would add more to the job placement activities of our students.

Academic year is divided into two semesters based on classroom lectures, research work, presentations and report writing etc. GPA evaluation system is there to grade student in a way that they are accepted internationally. Minimum CGPA requirement for the degree is 2.00.

# BBA

## (Hons)

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	English I	3(3-0)
BUSB-5101	Introduction to Business	3(3-0)
ICTC-5201	Intro. Information and Communication Tec.	3(3-0)
BUSB-5102	Introduction to Bookkeeping & Accounting	3(3-0)
URCI-5105	Islamic Studies	3(3-0)
BUSB-5103	Human Psychology	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-2</b>		
URCE-5102	English II	3(3-0)
BUSB-5104	Financial Accounting	3(3-0)
BUSB-5105	Business Mathematics	3(3-0)
URCP-5106	Pakistan Studies	3(3-0)
BUSB-5106	Introduction to Management	3(3-0)
ECON-5113	Microeconomics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	
<b>Total 18(18-0)</b>		

<b>SEMESTER-3</b>		
BUSB-5107	Contemporary World	3(3-0)
SOCI-5101	General Sociology-I	3(3-0)
ECON-5114	Macro Economics	3(3-0)
BUSB-5108	Advanced Accounting & Auditing	3(3-0)
BUSB-5109	Introduction to HRM	3(3-0)
BUSB-5110	Business Taxation	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-4</b>		
URCE-5103	Creative Writing	3(3-0)
BUSB-5111	Oral Communication & Presentation	3(3-0)
BUSB-5112	Principles of Marketing	3(3-0)

BUSB-5113	Money Banking and Credit	3(3-0)
ECON-5115	Pakistan Economics	3(3-0)
BUSB-5114	Cost & Management Accounting	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-5</b>		
BUSB-6115	Business Communication	3(3-0)
BUSB-6116	Managerial Economics	3(3-0)
BUSB-6117	Logic	3(3-0)
BUSB-6118	Financial Management	3(3-0)
BUSB-6119	Business Law	3(3-0)
BUSB-6120	Business Statistics	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-6</b>		
BUSB-6121	Statistical Inference	3(3-0)
BUSB-6122	Organizational Behavior	3(3-0)
MATH-5101	Calculus	3(3-0)
BUSB-6123	Management Information System	3(3-0)
BUSB-6124	Sociological Theory	3(3-0)
BUSB-6125	Marketing Management	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-7</b>		
BUSB-6126	Business Research & Report Writing	3(3-0)
BUSB-6127	Operations Management	3(3-0)
BUSB-6128	Entrepreneurship & SME Management	3(3-0)
BUSB-61xx	Specialization I	3(3-0)
BUSB-61xx	Specialization II	3(3-0)
<b>Total 15(15-0)</b>		

<b>SEMESTER-8</b>		
BUSB-6129	Business Ethics	3(3-0)
BUSB-6130	Interpersonal Skills	3(3-0)
BUSB-6131	Total Quality Management	3(3-0)
BUSB-61xx	Specialization III	3(3-0)
BUSB-61xx	Specialization IV	3(3-0)
<b>Total 15(15-0)</b>		

## ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent  
 Duration: 4 Years  
 Semesters: 8  
 Degree Requirements: 138 credit hours +  
 intreship 6 to 8 weeks

## FACULTY MEMBERS

**Mr. Mutee Ur Rahman (ACMA)**  
 Assistant Professor

**Mr. Muhammad Zaigham Raza**  
 Lecturer

**Mr. Mian Ali Noor Shah**  
 Lecturer

**Mr. Hassaan Umar**  
 Lecturer



# MBA

## 1.5 YEARS

### ELIGIBILITY CRITERIA

Eligibility: At least 45% marks in BBA (4-Year) / B.Com (4-Year) / M.Com 2-Year

Degree Requirements: 33 credit hours + Internship viva voce

Note: Duration of MBA shall be 1.5 years for candidates having relevant qualification.

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
BUSB-7101	Advanced Organization Behavior	3(3-0)
BUSB-7102	Advanced Research Methods	3(3-0)
BUSB-71xx	Elective-I	3(3-0)
BUSB-71xx	Elective-II	3(3-0)
<b>Total 12(12-0)</b>		
<b>SEMESTER-2</b>		
BUSB-7103	Project Management	3(3-0)
BUSB-7104	Supply Chain Management	3(3-0)
BUSB-71xx	Elective-III	3(3-0)
BUSB-71xx	Elective-IV	3(3-0)
<b>Total 12(12-0)</b>		
<b>SEMESTER-3</b>		
BUSB-7105	Strategic HR Leadership	3(3-0)
BUSB-7106	Seminar in Business Management	3(3-0)
BUSB-7107	Internship Report and Viva Voce (10-12 week)	3(3-0)
<b>Total 9(9-0)</b>		



# DEPARTMENT OF COMMERCE



**Dr. Muhammad Mansoor**

Incharge / Lecturer

✉ [commerece@umw.edu.pk](mailto:commerece@umw.edu.pk)

☎ 0459-920270, Ext. 125

**D**epartment of Commerce was established in 2012, offering B.Com. (Hons) and M.com. Real-world experiences are at the heart of the Bachelor of Commerce. This degree develops student analytical, communication and problem-solving skills, providing students with a global perspective on business and prepares learners to pursue a career within the business, government or not-for-profit sectors. The Department of Commerce includes the pioneer departments of University of Mianwali, having student's research publications in international journals and arranging several successful students grooming events including Marketing Gala 2012 and Leadership Seminar. Commerce degree prepares the students keeping in view the changing demands of local, regional and global marketplace by engaging them in a congenial research-oriented environment that fosters personal and professional development, encourages participation, interaction and refines their approach to decision making, managing people and resources. Commerce programs are structured on team based interactive learning, class room lectures, presentations, case studies, field visits and research reports. The Department actively provides opportunities of research publications and seminars such as Marketing Gala 2012 and Leadership Seminar.

# B.COM (HONS)

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCI-5105	Islamic Studies	3(3-0)
URCE-5101	English -I	3(3-0)
BUSC-5101	Introduction to Business	3(3-0)
BUSC-5102	Principles of Accounting	3(3-0)
ECON-5113	Micro Economics	3(3-0)
BUSC-5103	Business Mathematics	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-2</b>		
RCP-5106	Pakistan Studies	3(3-0)
BUSC-5104	Communication Skills	3(3-0)
BUSC-5105	Computerized Accounting	3(3-0)
BUSC-5106	Financial Accounting	3(3-0)
ECON-5116	Macro Economics	3(3-0)
BUSC-5107	Business Statistics	3(3-0)
URCC-5110	Citizenship Education & Community Engagement	
<b>Total 18(18-0)</b>		

<b>SEMESTER-3</b>		
BUSC-5108	Business Law	3(3-0)
BUSC-5109	Business Taxation	3(3-0)
BUSC-5110	Accounting Information System	3(3-0)
BUSC-5111	Advanced Accounting - I	3(3-0)
ECON-5117	Economic Issues of Pakistan	3(3-0)
BUSC-5112	Business Psychology	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-4</b>		
BUSC-5113	Auditing	3(3-0)
BUSC-5114	Technical Writing & Presentation Skills	3(3-0)
BUSC-5115	Cost Accounting	3(3-0)

BUSC-5116	Advanced Accounting-II	3(3-0)
BUSC-5117	Financial and Regulatory Institutions	3(3-0)
BUSC-5118	Inferential Statistics	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-5</b>		
BUSC-6119	Research Methods in Business	3(3-0)
BUSC-6120	Managerial Economics	3(3-0)
BUSC-6121	Financial Management	3(3-0)
BUSC-6122	Principles of Marketing	3(3-0)
BUSC-6123	Principles of Management	3(3-0)
SOCI-5101	General Sociology -I	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-6</b>		
BUSC-6124	Logical and Critical Thinking	3(3-0)
BUSC-6125	Principles of Risk Management and Insurance	3(3-0)
BUSC-6126	Human Resource Management	3(3-0)
BUSC-6127	Managerial Accounting	3(3-0)
BUSC-6128	Entrepreneurship	3(3-0)
<b>Total 15(15-0)</b>		

<b>SEMESTER-7</b>		
BUSC-6129	E. Commerce	3(3-0)
BUSC-6130	Investment and Portfolio Management	3(3-0)
BUSC-6131	Operations management	3(3-0)
BUSC-6132	Organization Behavior	3(3-0)
BUSC-61xx	Elective I	3(3-0)
BUSC-61xx	Elective II	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-8</b>		
BUSC-6133	Corporate Governance	3(3-0)
BUSC-6134	International Business	3(3-0)
BUSC-6135	Strategic Management	3(3-0)
BUSC-61xx	Elective III	3(3-0)
BUSC-61xx	Elective IV	3(3-0)
BUSC-6136	Research Project	3(3-0)
<b>Total 18(18-0)</b>		

## ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent  
Duration: 4 Years  
Semesters: 8  
Degree Requirements: 141 credit hours

## FACULTY MEMBERS

**Mr. Muhammad Manazir**  
Lecturer

**Mr. Muhammad Shahid Iqbal**  
Lecturer

**Mr. Muhammad Bilal**  
Lecturer



# M.COM

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
BUSC-6201	Accounting for Decision Making	3(3-0)
BUSC-6202	Principles of Marketing	3(3-0)
BUSC-6203	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)
<b>Total 18(18-0)</b>		
<b>SEMESTER-2</b>		
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)
<b>Total 18(18-0)</b>		
<b>SEMESTER-3</b>		
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)
<b>Total 15(15-0)</b>		
<b>SEMESTER-4</b>		
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)
<b>Total 15(15-0)</b>		

## ELIGIBILITY CRITERIA

At least 45% marks in BCom or BBA (2 years)  
 Duration: 2 Years  
 Semesters: 4  
 Degree Requirements: 66 credit hours



# DEPARTMENT OF **ECONOMICS**



**Dr. Abdul Qayyum**

Incharge / Lecturer

✉ [economics@umw.edu.pk](mailto:economics@umw.edu.pk)

☎ 0459-920270, Ext. 125

**E**conomics has vital role to play in contemporary society and at university of Mianwali the emphasis is on relevance to human activity, experience and endeavour. Today Economics is the need of time. Economics helps to know how societies, governments, businesses, households and individuals allocate their scarce resources for their betterment. Economics can also provide valuable knowledge of making decisions for everyday life. Economics is concerned with optimal distribution of resources in the society.

Economics department offers a variety of courses with a firm foundation in the principles of Economics. It is designed to stimulate your understanding regarding the nature of Economics, both as a field of scientific enquiry and as an academic discipline. Main emphasis is to provide you the practical knowledge of the "Economic World" in which we live.

Graduates of Economics have job opportunities in Banking sector, Insurance sector, Education sector, NGOs, planning and development departments, Risk management departments and various other public as well as private fields.

# BS ECONOMICS

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	Grammar	3(3-0)
ECON-5101	Principles of Micro Economics	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
URCM-5107	Mathematics	3(3-0)
IC TC-5201	Introduction to Computer	3(2-1)
BUSB-6129	Entrepreneurship	3(3-0)
<b>Total 17(16-1)</b>		

<b>SEMESTER-2</b>		
URCE-5102	Lang. 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)
SOCI-5101	Introduction to International Relations	3(3-0)
URCC-5110	Citizenship Education & Community	
<b>Total 17(17-0)</b>		

<b>SEMESTER-3</b>		
URCE-5103	Academic Writing	3(3-0)
ECON-5104	Intermediate Micro Economics	3(3-0)
ECON-5105	Development Economics	3(3-0)
STAT-5122	Statistics for Economics-I	3(3-0)
ECON-5106	Principles of Marketing	3(3-0)
ECON-5107	Financial Management	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-4</b>		
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)
<b>Total 18(18-0)</b>		

<b>SEMESTER-5</b>		
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)
<b>Total 18(18-0)</b>		

<b>SEMESTER-6</b>		
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)
<b>Total 15(15-0)</b>		

<b>SEMESTER-7</b>		
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)
<b>Total 15(15-0)</b>		

<b>SEMESTER-8</b>		
ECON-6128	Applied Economics	3(3-0)
ECON-6129	Islamic Economics	3(3-0)
ECON-6130	Issues in Pak Economy	3(3-0)
ECON-6131	Economics of Education	3(3-0)
<b>Total 12(12-0)</b>		

## ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent  
Duration: 4 Years  
Semesters: 8  
Degree Requirements: Minimum 124 credit hours

## FACULTY MEMBERS

**Mr. Faisal Nadeem Shah**  
Lecturer



# MSc

## ECONOMICS

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		

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)**

<b>SEMESTER-2</b>		
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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	

\* It is a non credit compulsory course.

**Total 18(18-0)**

<b>SEMESTER-3</b>		
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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	Agricultural Economics	3(3-0)
ECON-6216	Monetary Theory and Policy	3(3-0)

**Total 15(15-0)**

<b>SEMESTER-4</b>		
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ECON-6217	Econometrics II	3(3-0)
ECON-6218	Research Methodology	3(3-0)
ECON-6219	Human Resource Development & 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- and ECON-. However, this option will be available to only 5 top students.

### ELIGIBILITY CRITERIA

Eligibility: At least 45% marks in Graduation or equivalent + Economics (Compulsory as elective subject carrying 200 marks)

Duration: 2 Years

Semesters: 4

Degree Requirements: Minimum 66 credit hours



# DEPARTMENT OF EDUCATION



**Dr. Abdul Majeed Khan Niazi**

Incharge / Assistant Professor

✉ [education@umw.edu.pk](mailto:education@umw.edu.pk)

☎ 0459-920270, Ext. 130

**D**epartment of Education was established in 2012 in the response to the growing needs of teacher's student's education in district Mianwali. Teacher-Education plays a very vital role in shaping up the society and competence of prospective teachers. It is therefore essential for them to be adequately equipped with the required skills that would enable them to perform perfect and much required role in the environment of Mianwali. The Department of Education is one of the pioneering department of Sub-Campus Mianwali which has been offering M.Phil. Education, MA Education, B.Ed, and M.Ed Degree Programs in the light of HEC guide lines and also keeping in the view the new Education policy 2009. Another strong motivation for launching department of Education was to compete with those institutions which have turned the teacher Education into tool of making money. With this view University took upon itself as a national responsibility to serve the Education by producing the graduate who would be well-versed in their professional skills. The core mission of the Department of education is to explore the hidden potentials of the youth of this area and to instill a sprit in them to compete with advance world and to enable them to solve the national issues within the cultural and traditional values of the country. In its sincere endeavor the Department of Education will be striving hard to provide an opportunity to the people of Mianwali and the adjacent area to embark on the journey of knowledge, scientific learning and to provide competent professionals who can contribute to the socioeconomic uplift of country.

# B.ED

## GENERAL; 1.5 YEAR

### ELIGIBILITY CRITERIA

16 years of Education (Academic Disciplines other than Education) with minimum Second Division  
Duration: 1.5 Years  
Semesters: 3  
Degree Requirements: Minimum 54 credit hours

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
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)
<b>Total 18(18-0)</b>		
<b>SEMESTER-2</b>		
EDUC-6407	Philosophy of Education	3(3-0)
EDUC-6408	Critical Thinking and Reflective Practices	3(3-0)
EDUC-6409	Teaching Specialization	3(3-0)
EDUC-6410	Area of Specialization (Course-I)	3(3-0)
EDUC-6411	Area of Specialization (Course-II)	3(3-0)
EDUC-6412	Area of Specialization (Course-III)	3(3-0)
<b>Total 18(18-0)</b>		
<b>SEMESTER-3</b>		
EDUC-6413	Human Development and Learning	3(3-0)
EDUC-6414	Information and Communication	3(3-0)
	Technology in Education	6(0-6)
EDUC-6415	Teaching Practice-I	6(0-6)
EDUC-6416	Teaching Practice-II	<b>Total 18(6-12)</b>

# BS

## EDUCATION

### ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent  
Duration: 4 Years  
Semesters: 8  
Degree Requirements: Minimum 132 credit hours

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
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)
<b>Total 18(16-2)</b>		
<b>SEMESTER-2</b>		
URCE-5102	English-II	3(3-0)
EDUC-5107	Mathematics	3(3-0)
EDUC-5108	General Science	3(3-0)
EDUC-5109	Education in Pakistan	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
	Specialization: Any one of the following	
EDUC-5110	Language Skill	3(3-0)
EDUC-5111	Geography	3(3-0)
EDUC-5112	Chemistry	3(3-0)
<b>Total 17(15-2)</b>		

### SEMESTER-3

URCE- 5103	English-III	3(3-0)
EDUC-5113	Educational Technology and ICT	3(3-0)
EDUC-5114	Philosophy of Education	3(3-0)
EDUC-5115	Teaching of History and Geography	4(4-0)
EDUC-5116	Educational Psychology	3(3-0)
	Specialization: Any one of the following	
EDUC-5117	Computer Assisted Language Learning	3(3-0)
EDUC-5118	Development Studies	3(3-0)
EDUC-5119	Biology	3(3-0)
<b>Total 19(19-0)</b>		

### SEMESTER-4

URCE-5104	English-IV	3(3-0)
EDUC-5120	Teaching of General Science	4(4-0)
EDUC-5121	Teaching of English Language	4(4-0)
EDUC-5122	Curriculum Development	3(3-0)
EDUC-5123	Comparative Education	3(3-0)
<b>Total 17(17-0)</b>		

### SEMESTER-5

EDUC-6124	Critical Thinking & Reflective Practices	3(3-0)
EDUC-6125	Teaching Mathematics	4(4-0)
EDUC-6126	Teaching Practice-I	6(0-6)
	Specialization: Any one of the following	
EDUC-6127	Second Language Acquisition	3(3-0)
EDUC-6128	Human Rights Education	3(3-0)
EDUC-6129	Computer Science	3(3-0)
<b>Total 16(10-6)</b>		

### SEMESTER-6

EDUC-6130	Economics and Financing of Education	3(3-0)
EDUC-6131	Guidance and Counseling	3(3-0)
EDUC-6132	Educational Assessment & Evaluation	3(3-0)
EDUC-6133	Sociology of Education	3(3-0)
EDUC-6134	Research Methods in Education	3(3-0)
EDUC-6135	Educational Planning and Management	3(3-0)
<b>Total 18(18-0)</b>		

## SEMESTER-7

EDUC-6136	Statistics and Data Analysis	3(3-0)
EDUC-6137	Inclusive Education	3(3-0)
EDUC-613	Teaching Practice-II	9(0-9)

**Total 15(6-9)**

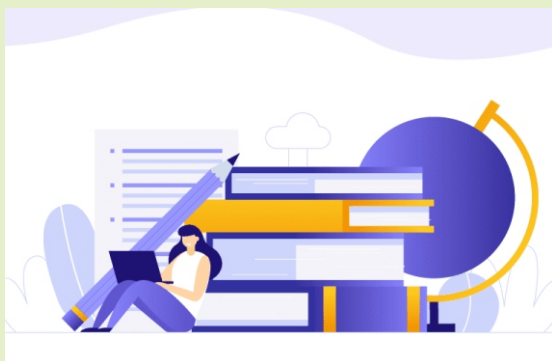
## SEMESTER-8

EDUC-6139	Area-I: Organizational Behavior	3(3-0)
EDUC-6140	Area-I: Human Resource Management	3(3-0)
EDUC-6141	Area-II: Qualitative Research Method	3(3-0)
EDUC-6142	Area-II: Analysis of Interpretation of Data	3(3-0)
EDUC-6143	Thesis	6(6-0)
EDUC-6144	Term Paper	3(3-0)
EDUC-6145	Seminar on Trends and Issues in education	3(3-0)

**Total 12(12-0)**

## FACULTY MEMBERS

**Ms. Anila Ali**  
Lecturer



# MA EDUCATION

**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(6-0)

(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(19-0)**

## 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)**

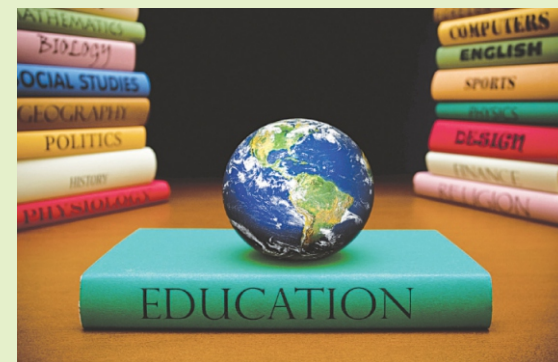
## ELIGIBILITY CRITERIA

At least 45% marks in graduation or equivalent

Duration: 2 Years

Semesters: 4

Degree Requirements: Minimum 68 credit hours



# DEPARTMENT OF ENGLISH



**Dr. Tariq Usman**

Incharge / Lecturer

✉ english@umw.edu.pk

☎ 0459-920270, Ext. 122

**T**he Department of English Language and Literature is as old as the University of Mianwali is. Before the inception of the University it was present as English Department of University of Sargodha Sub-campus Mianwali. The medium of instruction in the department is English. The Department strives to be one of the leading institutes in academic and research in the discipline of English language and literature. It endeavors to develop a community of critical, creative, intellectual, empathetic and responsible individuals by nurturing them in academically challenging environment. Currently, the English Department is dedicated to provide excellence in literary and language studies at the graduate level. The aim of the Department is to prepare students with the knowledge of literature, language and culture through a variety of texts and to help them appreciate the power and impact of the study on the global community. The graduates of the English department can serve in embassies, public relation sectors, libraries, digital media, magazines, newspaper, colleges, universities and civil services. These is an extraordinarily wide range of career opportunities for the students in national and international arenas.

# BS ENGLISH

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
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)
SOCI-5101	General Sociology -I	3(3-0)
<b>Total 17(17-0)</b>		

<b>SEMESTER-2</b>		
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	Introduction to Information and Communication Technology	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
<b>Total 17(17-0)</b>		

<b>SEMESTER-3</b>		
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)
<b>Total 18(18-0)</b>		

<b>SEMESTER-4</b>		
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)
<b>Total 18(18-0)</b>		

<b>SEMESTER-5</b>		
ENGL-6119	Shakespeare	3(3-0)
ENGL-6120	Literary 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	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-6</b>		
ENGL-6125	Literary Criticism-II	3(3-0)
ENGL-6126	Drama-III	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)
<b>Total 18(18-0)</b>		

<b>SEMESTER-7</b>		
ENGL-6131	Literary 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)
<b>Total 18(18-0)</b>		

<b>SEMESTER-8</b>		
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)
<b>Total 18(18-0)</b>		

## ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent  
Duration: 4 Years  
Semesters: 8  
Degree Requirements: Minimum 142 credit hours

## FACULTY MEMBERS

**Ms. Shaista Hassan**  
Lecturer

**Ms. Naima Batool**  
Lecturer

**Ms. Sehla Nawaz**  
Lecturer





DEPARTMENT  
OF  
**PSYCHOLOGY**



**Mr. Adeel Rasheed**

Incharge / Lecturer

✉ psychology@umw.edu.pk

☎ 0459-920270, Ext. 119

**D**epartment of Psychology was instituted in 2013 at Sub Campus Mianwali to start the journey of research, innovation, learning and achievement. Faculty members and Students are enthusiastically involved in conducting research in different domains of Psychology. Students are also given practical exposure through field trips and placements in different Mental Health organizations to nurture their clinical research and report writing experience. There are plenty of career opportunities for students with a Master's degree in Psychology, particularly in the areas of business, military, social work, Human Resource Management and healthcare.



# BS PSYCHOLOGY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE- 5101	Grammar	3(3-0)
PSYC-5101	Introduction to Psychology	4(4-0)
URCP-5106	Pakistan Studies	3(3-0)
URCM-5101	Mathematics	3(3-0)
URCI-5109	Introduction to Information and Communication Technologies	3(3-0)
		Total 16(16-0)

<b>SEMESTER-2</b>		
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 19(17-2)

<b>SEMESTER-3</b>		
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)
BUSB-5104	Introduction to Management	3(3-0)
		Total 15(15-0)

<b>SEMESTER-4</b>		
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)

<b>SEMESTER-5</b>		
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)

<b>SEMESTER-6</b>		
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)

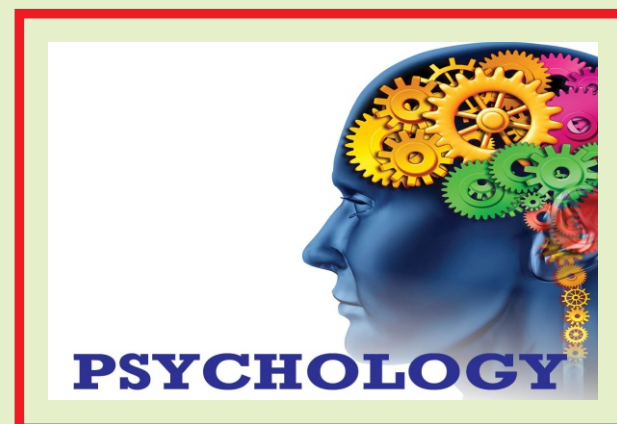
<b>SEMESTER-7</b>		
PSYC-6120	Clinical Psychology	3(3-0)
PSYC-6121	Neurological Dysfunctions	3(3-0)
PSYC-6122	Health Psychology	3(3-0)
PSYC-6123	Developmental Psychology	3(3-0)
PSYC-6124	Gender Issues in Psychology	3(3-0)
PSYC-6125(a)	Project (with PSYC-6125 b) (Compulsory)	3(3-0)
		Thesis (Research Proposal, including proposed methodology, literature review, expected results, discussion & implications)
		Total 18(18-0)

<b>SEMESTER-8</b>		
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)
		Thesis (Final draft submission & oral defense)
PSYC-61xx	One Elective Course	3(3-0)
		Total 15(15-0)

<b>OPTIONAL COURSES</b>		
PSYC-6129	Consumer Psychology	3(3-0)
PSYC-6130	Organizational Behavior	3(3-0)
PSYC-6131	Psychology of Motivation	3(3-0)
PSYC-6132	Forensic Psychology	3(3-0)
PSYC-6133	Para Psychology	3(3-0)
PSYC-6134	Positive Psychology	3(3-0)
PSYC-6135	Human Resource Management	3(3-0)
PSYC-6136	Military Psychology	3(3-0)
PSYC-7117	Community Psychology	3(3-0)

## ELIGIBILITY CRITERIA

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: Minimum 130 credit hours



# MSc

## PSYCHOLOGY

CODE	COURSE TITLE	C/HR.
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### 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 (18-0)**

### SEMESTER-4

PSYC-6220	Counseling Psychology	3(3-0)
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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)	
PSYC-62xx	One Elective Course	3(3-0)
		<b>Total 18(18-0)</b>

### ELIGIBILITY CRITERIA

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: Minimum 70 credit hours



# DEPARTMENT OF URDU



**Dr. Muhammad Shafiq Asif**

Incharge / Assistant Professor

✉ urdu@umw.edu.pk  
☎ 0459-920270, Ext. 120

**T**he sub-campus Mianwali of the University of Sargodha was established in 2012. The next year in 2013, the department of Urdu was established with the vision to achieve National goals keeping in view human development through teaching and research in the National Language. The MA Urdu program was started the same year and continued till 2019. The MPhil degree program at the department of Urdu commenced in 2015, but only one batch of students passed out. Currently, BS Urdu (4-years) program is in progress at the department since 2017. Though the history of the department is not so long, our aims and ambitions are too high.



# BS URDU

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	انگریزی اول (لازمی)	3(3-0)
URCP-5106	مطالعہ پاکستان (لازمی)	2(2-0)
URCM-5107	ریاضی (لازمی)	3(3-0)
URDU-5101	نفسیات (عمومی)	3(3-0)
URDU-5102	فارسی (عمومی)	3(3-0)
URDU-5103	عمرانیات (عمومی)	3(3-0)
URDU-5104	اصناف شعر (بنیادی)	3(3-0)
<b>Total 17(17-0)</b>		

نوٹ: نفسیات، فارسی اور عمرانیات میں سے دو مضامین منتخب کیے جائیں گے۔

<b>SEMESTER-2</b>		
URCE-5102	انگریزی دوئم (لازمی)	3(3-0)
URCI-5105	اسلامیات (لازمی)	2(2-0)
STAT-5108	شہریات (عمومی)	3(3-0)
URDU-5105	فلسفہ (عمومی)	3(3-0)
URDU-5106	ایجوکیشن (عمومی)	3(3-0)
URDU-5107	مطالعہ اقبال (فارسی)	3(3-0)
URDU-5108	اصناف نثر (بنیادی)	3(3-0)
<b>Total 17(17-0)</b>		

نوٹ: فلسفہ، شہریات اور ایجوکیشن میں سے دو مضامین منتخب کیے جائیں گے۔

<b>SEMESTER-3</b>		
URCE-5103	انگریزی سوم (لازمی)	3(3-0)
ICTC-5201	کمپیوٹر (لازمی)	3(3-0)
URDU-5109	تاریخ برعظیم (عمومی)	3(3-0)
URDU-5110	پاکستان کی سیاسی تاریخ (عمومی)	3(3-0)
URDU-5111	بشریات (عمومی)	3(3-0)
URDU-5112	پنجابی: پاکستانی زبانیں (عمومی)	3(3-0)
URDU-5113	ادبی و لسانی اصطلاحات (بنیادی)	3(3-0)
<b>Total 18(18-0)</b>		

نوٹ: تاریخ برعظیم، پاکستان کی سیاسی تاریخ، بشریات اور پنجابی: پاکستانی زبانیں میں سے تین مضامین منتخب کیے جائیں گے۔

<b>SEMESTER-4</b>		
URCE-5104	انگریزی چہارم (لازمی)	3(3-0)
URDU-5114	فطری سائنس (عمومی)	3(3-0)
URDU-5115	جغرافیہ عالم (عمومی)	3(3-0)
URDU-5116	ماحولیات (عمومی)	3(3-0)
URDU-5117	معاشیات (عمومی)	3(3-0)
URDU-5118	مسلم تہذیب و ثقافت/تاریخ اسلام (بنیادی)	3(3-0)
URDU-5119	پاکستانی زبانوں کا ادب (بنیادی)	3(3-0)
<b>Total 18(18-0)</b>		

نوٹ: فطری سائنس، ماحولیات، معاشیات اور جغرافیہ عالم میں سے تین مضامین منتخب کیے جائیں گے۔

<b>SEMESTER-5</b>		
URDU-6120	اردو داستان اور ڈرامہ	3(3-0)
URDU-6121	کلاسیکی اردو نثر	3(3-0)
URDU-6122	تاریخ ادب اردو (اول)	3(3-0)
URDU-6123	ادبی تنقید (اول)	3(3-0)
URDU-6124	اسالیب نثر اردو	3(3-0)
URDU-6125	اردو قواعد (آپشنل)	3(3-0)
URDU-6126	عالمی ادب (آپشنل)	3(3-0)
URDU-6127	ترجمہ فن اور روایت (آپشنل)	3(3-0)
<b>Total 18(18-0)</b>		

نوٹ: اردو قواعد، عالمی ادب اور ترجمہ فن اور روایت میں سے ایک مضمون منتخب کیے جائیں گے۔

<b>SEMESTER-6</b>		
URDU-6128	اردو ناول	3(3-0)
URDU-6129	کلاسیکی اردو نظم	3(3-0)
URDU-6130	تاریخ ادب اردو (دوم)	3(3-0)
URDU-6131	ادبی تنقید (دوم)	3(3-0)
URDU-6132	اردو سائنات	3(3-0)
URDU-6133	اردو ادب کا مابعد نوآبادیاتی مطالعہ (آپشنل)	3(3-0)
URDU-6134	اردو ادب پر بیسویں صدی کے علمی اثرات (آپشنل)	3(3-0)
<b>Total 18(18-0)</b>		

نوٹ: اردو ادب کا مابعد نوآبادیاتی مطالعہ اور اردو ادب پر بیسویں صدی کے علمی اثرات میں سے ایک مضمون منتخب کیے جائیں گے۔

<b>SEMESTER-7</b>		
URDU-6135	اردو افسانہ	3(3-0)
URDU-6136	جدید اردو نثر	3(3-0)
URDU-6137	تاریخ ادب اردو (سوم)	3(3-0)
URDU-6138	اخراجی مہارتیں	3(3-0)

URDU-6139	اردو صحافت اور رسائل و جرائد	3(3-0)
URDU-6140	اصول تحقیق و تدوین (آپشنل)	3(3-0)
URDU-6141	لغت اور اردو لغت نویسی (آپشنل)	3(3-0)
URDU-6142	اردو ادب کا تائیدی مطالعہ (آپشنل)	3(3-0)

**Total 18(18-0)**

نوٹ: اصول تحقیق و تدوین، اردو لغت نویسی اور اردو ادب کا تائیدی مطالعہ میں سے ایک مضمون منتخب کیے جائیں گے۔

<b>SEMESTER-8</b>		
URDU-6143	مطالعہ اقبال (اردو)	3(3-0)
URDU-6144	غیر افسانوی اصناف نثر	3(3-0)
URDU-6145	جدید اردو نظم	3(3-0)
URDU-6146	عملی تنقید (سوم)	3(3-0)
URDU-6147	تحقیقی نثر و عملی صحافت	3(3-0)
URDU-6148	مقالہ/پراجیکٹ (آپشنل)	3(3-0)
URDU-6149	ادبی ساجیات (آپشنل)	3(3-0)
<b>Total 18(18-0)</b>		

مقالہ/پراجیکٹ یا ادبی ساجیات میں سے کسی ایک کا انتخاب کرنا ہوگا۔

## ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent  
Duration: 4 Years  
Semesters: 8  
Degree Requirements: Minimum 142 credit hour

## FACULTY MEMBERS

**Mr. Kashif Ur Rehman Shah**  
Lecturer

# MA URDU

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URDU-6201	کلاسیکی اردو غزل	3(3-0)
URDU-6202	اردو کا افسانوی ادب (اول)	3(3-0)
URDU-6203	تاریخ زبان و ادب اردو (ماہل انیسویں صدی)	3(3-0)
URDU-6204	اصول تنقید (اول)	3(3-0)
URDU-6205	اردو نثر کے اسالیب کا مطالعہ	3(3-0)
URDU-6206	قواعد زبان اور بیان و بدیع	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-2</b>		
URDU-6207	کلاسیکی اصناف نظم	3(3-0)
URDU-6208	اردو کا افسانوی ادب (دوم)	3(3-0)
URDU-6209	تاریخ زبان و ادب اردو (انیسویں صدی)	3(3-0)
URDU-6210	اصول تنقید (دوم)	3(3-0)
URDU-6211	جدید اردو نثر (اول)	3(3-0)
URDU-6212	میر و مطالعہ اقبال (فارسی)	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-3</b>		
URDU-6213	مطالعہ اقبال (اردو)	3(3-0)
URDU-6214	جدید اردو غزل	3(3-0)
URDU-6215	تاریخ زبان و ادب اردو (بیسویں صدی)	3(3-0)
URDU-6216	جدید اردو نثر (دوم)	3(3-0)
URDU-6217	اردو کا افسانوی ادب (سوم)	3(3-0)
مندرجہ ذیل دو اختیاری کورسز میں سے ایک کا انتخاب کرنا ہوگا۔		
URDU-6218	پاکستانی زبانوں کا مطالعہ	3(3-0)
URDU-6219	عالمی کلاسیک	3(3-0)
URDU-6220	اصول تحقیق و تدوین	2(2-0)
URDU-6221	Citizenship Education & Community Engagement	
<b>Total 17(17-0) / 18(18-0)</b>		

<b>SEMESTER-4</b>		
URDU-6222	میر و غالب کی شاعری کا خصوصی مطالعہ	3(3-0)
URDU-6223	جدید اردو نظم	3(3-0)
URDU-6224	تنقید ادب (اطلاقی)	3(3-0)
URDU-6225	اردو ادب کا مابعد نوآبادیاتی مطالعہ	3(3-0)
URDU-6226	اردو سائنات	3(3-0)
مندرجہ ذیل دو اختیاری کورسز میں سے ایک کا انتخاب کرنا ہوگا۔		
URDU-6227	تخلیقی مہارتیں	3(3-0)
URDU-6228	ادبی سماجیات	3(3-0)
URDU-6229	تحقیقی مقالہ	4(4-0)
<b>Total 17(17-0) / 18(18-0)</b>		

## ELIGIBILITY CRITERIA

At least 45% marks in Graduation or equivalent  
Duration: 2 Years  
Semesters: 4  
Degree Requirements: Minimum 72 credit hours



# **UPCOMING PROGRAMS**

- Department of History & Pakistan Studies
- Department of Political Science & International Relations
- Department of Sociology
- Department of Social Work

# DEPARTMENT OF **HISTORY & PAKISTAN STUDIES**

**T**he importance of History is in its capacity to help one to draw conclusions from the past events. It may be said that history is to the human race, what memory is to each man. It sheds the light of the past upon the present, thus helping one to understand oneself, by making one acquainted with other peoples. Also, as one studies the rise and fall of empires and civilizations, the lessons of the past help one to avoid the pitfalls of the present.

It preserves the traditions and cultural values of a nation, and serves as a beacon of light, guiding society in confronting various crises. History is indeed as Allen Nerines puts it, “a bridge connecting the past with the present and pointing the road to the future.”

**Vision:** To become leading contributor towards modern business economy in the era of globalization through excellence in academics and research.



# BS HISTORY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	Grammar	3(3+0)
URCI-5105	Islamic Studies	2(2+0)
URCI-5109	Intro to Information and Communication Technology	3(2+1)
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(16+1)		
<b>SEMESTER-2</b>		
URCE-5102	Language Comprehension and 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)		
<b>SEMESTER-3</b>		
URCE-5103	Academic Writing	3(3+0)
HIST-5104	History of Europe(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(Umayyadsand Abbasids)	3(3+0)
HIST-5107	Ancient Indian History	3(3+0)
Total 18(18+0)		
<b>SEMESTER-4</b>		
URCE-5104	Introduction to English Literature	3(3+0)

STAT-5121	Introduction to Statics	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(1751-1491AD)	3(3+0)

**Total 15(15+0)**

<b>SEMESTER-5</b>		
HIST-6111	History of Knowledge	3(3+0)
HIST-6112	Muslim Rule in South Asia(711-526)	3(3+0)
HIST-6113	History of the Great Mughals(526-7107)	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)**

<b>SEMESTER-6</b>		
HIST-6116	History of the Later Mughals and British India(1707-1857)	3(3+0)
HIST-6117	History of Muslim Nationalism in India(1858-1947)	3(3+0)
HIST-6118	History of the Punjab	3(3+0)
HIST-6119	History of the Civilization	3(3+0)
HIST-6120	History of Muslim Culture and Civilization	3(3+0)

**Total 15(15+0)**

<b>SEMESTER-7</b>		
HIST-6121	Everyday Science	3(3+0)
HIST-6122	Government and Politics in Pakistan	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)**

<b>SEMESTER-8</b>		
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	Theisis (In lieu of two optional courses)	6(0+6)
URCC-5110	Citizenship Education and Community Engagement(Non-credit Course)	3(1+2)

**Total 21(13+8)**

## 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)

## ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent (equivalence certificate is must) with biology as an elective subject or FSc (Pre-medical / Pre-Engineering / ICS)  
Duration: 4 Years  
Semesters: 8  
Degree Requirements: Minimum 130 credit hours

# BS

## PAKISTAN STUDIES

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE- 5101	English-I	3
PSYC-5101	Islamic Studies/Ethics	2
URCP-5106	Basic Math/Statistics for Social Sciences-I	3
URCM-5101	General-I*	3
URCI-5109	Independence Movement and the Creation of Pakistan (1857-1947) (Foundation-I)	3
	Land and People of Pakistan (Foundation-II)	3
<b>Total 17(17-0)</b>		

<b>SEMESTER-2</b>		
PSYC-5102	English-II	3
URCI-5105	Computer Applications	2
URCS-5108	Basic Math/Statistics for Social Sciences-II	3
PSYC-5103	General-II*	3
URCC-5110	Pakistan A Survey(1947-2007) (Foundation-III)	3
	Pakistan Society and Culture (Foundation-IV)	3
<b>Total 17</b>		

<b>SEMESTER-3</b>		
PSYC-5104	English-II	3
PSYC-5105	Computer Applications	2
ZOOL-6141	General-III*	3
BUSB-5104	General-IV*	3
	Economic Development of Pakistan (Foundation-V)	3
URCE-5104	Pakistan's Foreign Policy (Foundation-VI)	3
PSYC-5106	<b>Total 15(15-0)</b>	

<b>SEMESTER-4</b>		
ZOOL-6142	English-IV	3
ULAW-5132	Pakistani Languages and Literature	3

PSYC-6108	General-V*	3
PSYC-6109	General-VI*	3
PSYC-6110	Mass Media and Communication in Pakistan	3
PSYC-6111	(Foundation-VIII)	3
PSYC-6112	Social Change and Development in Pakistan	3
PSYC-6113	(Foundation-IX)	3
<b>Total 18(18-0)</b>		

<b>SEMESTER-5</b>		
PSYC-6114	Human Rights in Pakistan (Foundation-X)	3
PSYC-6115	General-VII*	3
PSYC-6116	Course-I in Major**	3
PSYC-6117	Course-II in Major**	3
PSYC-6118	Course-III in Major**	3
PSYC-6119		

<b>SEMESTER-6</b>		<b>Total 18(18-0)</b>
	Course-IV in Major** Seminar on an Issue of National Importance	3
PSYC-6120		3
PSYC-6121	Course-V in Major**	3
PSYC-6122	Course-VI in Major**	3
PSYC-6123	Course-VII in Major**	3
PSYC-6124	Elective-I***	3
PSYC-6125(a)		

<b>SEMESTER-7</b>		
	Course-VIII in Major**	3
	Course-IX in Major**	3
	Course-X in Major**	3
	Elective-II***	3
PSYC-6126	Research Methodology	4
PSYC-6127		

<b>SEMESTER-8</b>		
	Research Project in Major**	6
PSYC-6125(b)	Course-XI in Major**	3
	Elective-III***	3
PSYC-61xx	Elective-IV***	3
<b>Total 15(15-0)</b>		

### OPTIONAL COURSES

PSYC-6129	Ancient Civilizations: Indus Valley and Ghandara	x(x-x)
PSYC-6130	Muslim Rule in the Sub-Continent(1526-1712)	x(x-x)
PSYC-6131	Muslim Rule in the Sub-Continent(1712-1857)	x(x-x)
PSYC-6132	The Rise consolidation and decline of British	x(x-x)
PSYC-6133	Power in the Sub-continent 18th-20th Century	
PSYC-6134	Muslim Revivalist Movements in the Indo-Pak	x(x-x)
PSYC-6135	Sub-Continent a. (18th-20th Century)	
PSYC-6136	Contemporary Issues in Pakistan	x(x-x)
PSYC-7117	History of a Region/Province	x(x-x)

### ELIGIBILITY CRITERIA

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: Minimum 130 credit hours

# DEPARTMENT OF POLITICAL SCIENCE & INTERNATIONAL RELATIONS

**T**he vision of this discipline is to prepare students to serve the nation in various fields of life. It generates knowledge and expertise to the students to produce academic and administrative leadership at national and international level and to produce professionally competent and extremely cultured persons with great potential to serve the nation in its actual requirements.

**Vision:** To become leading contributor towards modern business economy in the era of globalization through excellence in academics and research.

**Mission:** Grooming future business leaders by employing best of human resources and technology to produce business intellectuals, professionals and entrepreneurs to meet local and global challenges.



# BS

## POLITICAL SCIENCE

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	Grammar	3(3+0)
URCP-5106	Pakistan Studies	3(3+0)
URCM-5101	Introduction to Mathematics	3(3+0)
POLS-5112	Introduction to Developmental Studies	3(3+0)
POLS-5101	Introduction to Political Science	3(3+0)
EVSC-5101	Introduction to Everyday Science	3(3+0)
<b>Total 18(18+0)</b>		

<b>SEMESTER-2</b>		
URCE-5102	Language Comprehension & Presentation Skills	3(3+0)
URCI-5105	Islamic Studies/Ethics	3(3+0)
URCS-5108	Introduction to Statics	3(3+0)
POLS-5113	Constitutional Development in Pakistan	3(3+0)
URCI-5109	Introduction to Information and Communication Technologies	3(2+1)
POLS-5107	Introduction to International Relations	3(3+0)
URCC-5110	Citizenship Education and Community Engagement	3(1+2)
<b>Total 21(18+3)</b>		

<b>SEMESTER-3</b>		
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)
<b>Total 18(18+0)</b>		

<b>SEMESTER-4</b>		
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)
<b>Total 15(15+0)</b>		

<b>SEMESTER-5</b>		
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 Political System of Developed Nations	3(3+0)
<b>Total 15(15+0)</b>		

<b>SEMESTER-6</b>		
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)
<b>Total 15(15+0)</b>		

<b>SEMESTER-7</b>		
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)
<b>Total 15(15+0)</b>		

<b>SEMESTER-8</b>		
POLS-6117	Federalism in Pakistan	3(3+0)
POLS-6121	Local Government in Pakistan	3(3+0)
POLS-6148	International Organization	3(3+0)
POLS-6154	International Politics of Middle East	3(3+0)
POLS-6167	Graduate Viva/Research Report	3(3+0)
<b>Total 15(15+0)</b>		

### ELIGIBILITY CRITERIA

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: Minimum 130 credit hours

# BS

## INTERNATIONAL RELATIONS

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
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)
<b>Total 18(18+0)</b>		

<b>SEMESTER-2</b>		
URCE-5102	Language Comprehension & Presentation Skills	3(3+0)
URCI-5105	Islamic Studies/Ethics	3(3+0)
URCS-5108	Introduction to Statics	3(3+0)
HIST-5101	Historiography	3(3+0)
INTR-5104	International Relation Since 1648 to 1945	3(3+0)
PSYC-5101	Introduction to Psychology (minor)	3(3+0)
URCC-5110	Citizenship Education and Community Engagement	3(1+2)
<b>Total 21(19+2)</b>		

<b>SEMESTER-3</b>		
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)
<b>Total 18(18+0)</b>		

<b>SEMESTER-4</b>		
URCE-5104	Introduction to English Literature	3(3+0)
MCOM-5101	Introduction to Conventional & Digital	3(3+0)

Communication		
INTR-5103	International Political Economy	3(3+0)
URCI-5109	Introduction to Information and Communication Technologies	3(2+1)
Technologies		
INTR-5105	Foreign Policy Analysis	3(3+0)
INTR-5107	Research Methodology	3(3+0)
<b>Total 18(18+0)</b>		

<b>SEMESTER-5</b>		
INTR-6107	International 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 and Strategic Studies	3(3+0)
<b>Total 15(15+0)</b>		

<b>SEMESTER-6</b>		
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 and Practice	3(3+0)
INTR-6134	Non-traditional Sources of Conflict	3(3+0)
<b>Total 15(15+0)</b>		

<b>SEMESTER-7</b>		
INTR-6120	International Politics of South Asia	3(3+0)
INTR-6136	Seminar Course	3(3+0)
INTR-6123	Gender and International Politics	3(3+0)
INTR-6131	Arms Control and Disarmament	3(3+0)
INTR-6111	Politics of Middle East	3(3+0)
<b>Total 15(15+0)</b>		

<b>SEMESTER-8</b>		
INTR-6108	International Organization	3(3+0)
INTR-6112	Pakistan-China Relations	3(3+0)
INTR-6132	Research Report	3(3+0)
INTR-6128	Area Focus: South East Asia	3(3+0)
INTR-6121	Government and Politics of Pakistan	3(3+0)
<b>Total 15(15+0)</b>		

### ELIGIBILITY CRITERIA

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: Minimum 130 credit hours

# DEPARTMENT OF SOCIOLOGY

To explore the complex relationship between the societal structures, its values, and causes of deviant behaviour from the laws and ethics of the society, the field of Sociology and Criminology offers great assistance to the students and researchers. The Department was established with a mission to educate students in the core theoretical and methodological knowledge of the discipline. We equip students with skills applicable to a broad range of careers which include social services, security agencies, and healthcare, and prepare them to work in a diverse and changing society.

**Vision:** To become leading contributor towards modern business economy in the era of globalization through excellence in academics and research.



# BS

## SOCIOLOGY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
SOCI-5101	General Sociology-I	3(3-0)
URCE-5101	Grammar	3(3-0)
URCI-5109	Introduction to Information & Communication Technology	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
xxxx-xxxx	General-I	3(3-0)
xxxx-xxxx	General-II	3(3-0)
<b>Total 17(17-0)</b>		

<b>SEMESTER-2</b>		
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 and Community Engagement	3(1-2)
xxxx-xxxx	General-III	3(3-0)
xxxx-xxxx	General-IV	3(3-0)
<b>Total 17(15-2)</b>		

<b>SEMESTER-3</b>		
SOCI-5104	Sociological Theory-I	3(3-0)
URCE-5103	Academic Writing	3(3-0)
URCM-5107	Mathematics	3(3-0)
xxxx-xxxx	General-V	3(3-0)
xxxx-xxxx	General-VI	3(3-0)
<b>Total 15(15-0)</b>		

<b>SEMESTER-4</b>		
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 and Culture	3(3-0)
xxxx-xxxx	General-VII	3(3-0)
xxxx-xxxx	General-VIII	3(3-0)

**Total 18(18-0)**

<b>SEMESTER-5</b>		
SOCI-6108	Gender Studies	3(3-0)
SOCI-6109	Social Statics-I	3(3-0)
SOCI-6110	Research Method-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)
<b>Total 18(18-0)</b>		

<b>SEMESTER-6</b>		
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 Statics-II	3(3-0)
SOCI-6119	Sociology of Health and Medicine	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-7</b>		
SOCI-6120	Sociology of Peace and 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)
<b>Total 15(15-0)</b>		

<b>SEMESTER-8</b>		
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)
<b>Total 18(12-6)</b>		

<b>OPTIONAL COURSES</b>		
PSYC-6129	Sociology of Globalization	3(3-0)
PSYC-6130	Industrial Sociology	3(3-0)
PSYC-6131	Sociology of Religion	3(3-0)
PSYC-6132	Sociology of Family and Marriage	3(3-0)
PSYC-6133	Sociology of Education	3(3-0)
PSYC-6134	Political Sociology	3(3-0)
PSYC-6135	Local Government Systems and Rural	3(3-0)
PSYC-6136	Development in Pakistan	3(3-0)
PSYC-7117	Rural Sociology	3(3-0)
	Corporate Social Responsibility	
	Sociology of Human Rights	
	Sociology Policy and Governance	
	Sociology of Aging	
	Logic and Critical Thinking	

### ELIGIBILITY CRITERIA

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: Minimum 130 credit hours

# DEPARTMENT OF **SOCIAL WORK**

Followed by the profession's commitment to the values of human diversity and the dignity of all the individuals of society, with particular attention to the marginalized groups, the mission of our department is to prepare future Social Worker who are culturally competent. We acquaint our students with community-engaged practice, expose them to the knowledge of persistent and emerging social problems of diversified groups and nurture them to be in the lead of societal well-being through awareness about social policy and research.

**Vision:** To become leading contributor towards modern business economy in the era of globalization through excellence in academics and research.



# BS

## SOCIAL WORK

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	Grammar	3(3-0)
URCP-5106	Pakistan Studies2	2(2-0)
SOWK-5101	Pakistan Society, It's Needs and Problems	3(3-0)
SOWK-5102	Social Psychology	3(3-0)
SOWK-5103	Foundation of Education	2(2-0)
<b>Total 13(13-0)</b>		
<b>SEMESTER-2</b>		
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	2(2-0)
<b>Total 13(13-0)</b>		
<b>SEMESTER-3</b>		
ICTC-5201	Computer Studies	3(3-0)
URCE-5103	Academic Writing	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)
<b>Total 15(15-0)</b>		
<b>SEMESTER-4</b>		
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)
<b>Total 15(15-0)</b>		

<b>SEMESTER-5</b>		
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 Behaviour	3(3-0)
<b>Total 15(15-0)</b>		
<b>SEMESTER-6</b>		
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	6(6-0)
Development (UCD & RCD Project) Settings		
<b>Total 18(18-0)</b>		
<b>SEMESTER-7</b>		
SOWK-6124	Social Welfare Administration	3(3-0)
SOWK-6125	Social Research-II	3(3-0)
SOWK-6126	Field Work in Casework and Community	6(6-0)
Development (UCD & RCD Project) Settings		
SOWK-6127	Demography	3(3-0)
SOWK-xxxx	Optional-I	3(3-0)
<b>Total 18(18-0)</b>		
<b>SEMESTER-8</b>		
SOWK-6128	Social Legislation	3(3-0)
SOWK-6129	Human Rights and Social Work: Towards	3(3-0)
Rights Based Practice		
SOWK-6130	Research Thesis	6(0-6)
SOWK-6131	NGO Management	3(3-0)
SOWK-xxxx	Optional Course-II	3(3-0)
<b>Total 18(12-6)</b>		

### ELIGIBILITY CRITERIA

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: Minimum 130 credit hours

# FACULTY OF **SCIENCES**

- Department of Biotechnology
- Department of Botany
- Department of Chemistry
- Department of Computer Science & Information Technology
- Department of Mathematics
- Department of Physics
- Department of Statistics & Data Science
- Department of Zoology

# DEPARTMENT OF BIOTECHNOLOGY



**Dr. Liaqat Ali**

Incharge / Assistant Professor

✉ [biotechnology@umw.edu.pk](mailto:biotechnology@umw.edu.pk)

☎ 0459-920270, Ext. 134

**B**iotechnology is the dynamic branch of biological sciences, which connect biology with the revolutionary technologies including machine learning, robotics, quantum mechanics, electrical engineering, and biosensing devices, materials designing, agriculture, industrial enzymology, genetic engineering, computational biology, digital health care and many more. Biotechnologists have captured the market nationally and internationally especially in the fields of Agriculture, industries, health sector and to overcome the environmental problems. Socially it has both benefits and risks, and the main theme is to use knowledge for the benefits of mankind and nature. e.g., researchers were able to track the 2014 Ebola epidemic and now COVID-19 pandemic in real-time using DNA sequencing. Pharmaceutical companies are designing new anti-cancer drugs targeted at people with a specific DNA mutation. Entire new fields, such as personalized medicine, owe their existence to DNA sequencing technology. There are job opportunities in the fields of academics(teaching), Research organizations, environmental projects, tissue culture and genetic engineering labs, production of new varieties both in plants and animals, production of vaccines, vitamins, hormones, drugs etc.

# BS

## BIOTECHNOLOGY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
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)
<b>Total 18(16-2)</b>		

<b>SEMESTER-2</b>		
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)
<b>Total 18(15-3)</b>		

<b>SEMESTER-3</b>		
URCE-5103	Academic Writing	3(3+0)
ICTC-5201	Intro. to Information & Communication Techn.	3(2+1)
xxxx-xxxx	Any subject from list of Social Sciences (G)	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)
<b>Total 18(16-2)</b>		

<b>SEMESTER-4</b>		
BIOT-5108	Animal Physiology (G)	3(2+1)
BIOT-5109	Ecology, Biodiversity and Evolution - II (G)	3(2+1)
xxxx-xxxx	Any subject from list of Social Sciences (G)	3(3+0)
BIOT-5110	Molecular Biology (F)	3(3+0)

CHEM-5103	Organic Chemistry (G)	4(3+1)
<b>Total 16(13-3)</b>		

<b>SEMESTER-5</b>		
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)
<b>Total 18(13-5)</b>		

<b>SEMESTER-6</b>		
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 ©	2(2+0)
<b>Total 17(14-3)</b>		

<b>SEMESTER-7</b>		
BIOT-6123	Research Methodology and Skills Enhancement (M)	
BIOT-6124	Environmental Biotechnology (M)	3(3+0)
BIOT-6125	Health Biotechnology (M)	3(2+1)
BIOT-61xx	Seminar I	3(3+0)
BIOT-61xx	Elective I	1(1+0)
BIOT-61xx	Research Project / Internship OR	3(3+0)
BIOT-61xx	Special Paper - I (M)	3(3+0)
<b>Total 16(15-1)</b>		

<b>SEMESTER-8</b>		
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)
<b>Total 16(13-3)</b>		

### ELIGIBILITY CRITERIA

At least 45% marks in FSc (Pre-medical), A-Level, or equivalent.

Duration: 4 Years

Semesters: 8

Degree Requirements: Minimum 136 credit hours



# DEPARTMENT OF BOTANY



**Dr. Liaqat Ali**

Incharge / Assistant Professor

✉ botany@umw.edu.pk  
☎ 0459-920270, Ext. 134

**B**otany is a subject of prime importance since the evolution of land and atmosphere. Plants are of immense importance for the continuity of life. They are the source of food, shelter, clothing etc. In the changing global environmental prospectus and climate change the importance of vegetation has enhanced many folds to overcome the natural disasters and natural and anthropogenic issues facing the humanity like pollution, water shed management, soil erosion, food security, clean water etc. and global ecological issues. The Prime Minister of Pakistan vision is also the “clean and green” Pakistan which cannot be achieved without the plantation of vegetation and forests and the development of this sector.

Department of Botany was started in 2013 at sub-campus Mianwali University of Sargodha. Initially BS Botany program was started, and later M.Sc. classes were also introduced in 2015. Since then, the department is progressing day by day and hundreds of students have completed their degrees and are serving in Government and non-governmental organizations and are also excelling their career in higher degree programs at different Universities. The department also started research activities in 2017 and completed their research thesis at BS and M.Sc. level and also published and are publishing their research articles in HEC recognized journals.

The establishment of Department of Botany at Mianwali was the need of the hour as Mianwali is a district with diversified landscaping like the presence of mountains, deserts, plains, forests, meadows, and the Great Indus River and its encashment areas. These landscapes are occupied with different habitats having unique terrestrial and aquatic flora including phytoplankton which is still unexplored completely. This uniqueness of the area arises a need to further strengthen this Department and to start research in different areas of Botany. Since the area is rich in diversified flora so the research will help in the conservation of biodiversity of the area.

# BS BOTANY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
BOTN-5101	Diversity of Plants	4(3-1)
ZOOL-5101	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)
<b>Total 17(14-3)</b>		
<b>SEMESTER-2</b>		
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 Comprehension & Presentation Skills)	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
<b>Total 17(14-3)</b>		
<b>SEMESTER-3</b>		
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. Tech.	3(3-0)
<b>Total 18(15-3)</b>		
<b>SEMESTER-4</b>		
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)
<b>Total 18(14-4)</b>		

<b>SEMESTER-5</b>		
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)
<b>Total 18(12-6)</b>		
<b>SEMESTER-6</b>		
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)
<b>Total 18(12-6)</b>		
<b>SEMESTER-7</b>		
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 /Optional paper/Thesis/ Internship/Research Project	3(2-1)
BOTN-6121	Research Methodology	2(2-0)
<b>Total 14(10-4)</b>		
<b>SEMESTER-8</b>		
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/Optional paper/Thesis/ Internship/Research Project	3(2-1)
<b>Total 12(8-4)</b>		

## ELIGIBILITY CRITERIA

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: Minimum 132 credit hours



# MSc

## BOTANY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
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)
<b>Total 18(12-6)</b>		

<b>SEMESTER-2</b>		
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)
<b>Total 18(12-6)</b>		

<b>SEMESTER-3</b>		
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		
<b>Total 15(11-4)</b>		

<b>SEMESTER-4</b>		
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		
<b>Total 15(10-5)</b>		

### ELIGIBILITY CRITERIA

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: Minimum 66 credit hours



# DEPARTMENT OF CHEMISTRY



**Dr. Khurram Shahzad Munawar**

Incharge / Assistant Professor

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☎ 0459-920270, Ext. 129

**C**hemistry is a fundamental and applied science, which is overlapping biology, physics, pharmacy and material sciences and provides the foundation on which the understanding of the natural and material world depends. The department has an exceptionally interactive and collegial community of scientists with strong student-faculty interactions offering the facilities of training and education to the next generation of students in all aspects of career development to make them able to give services to the community at the highest level of excellence. This department is considered one of the most productive departments of the university in terms of innovative research and international publications. The research laboratory at the Department of Chemistry is one of the most sophisticated labs of the campus providing the basic necessary facilities of the academic and applied research in the department.

The achievements of the department are reflected by a huge number of alumni working in various educational and professional institutions and many others pursuing their higher studies in various reputed universities of the country. The research work carried out by various faculty members of the department resulted in approximately more than research papers published in internationally reputed journals during the last few years.

The Department of Chemistry was established at the sub-campus Mianwali, University of Sargodha in 2013, and currently offering BS Chemistry (4-year) programs with Inorganic, Organic, and Physical specializations which are designed to meet the ever-growing needs in the field of chemical sciences.

# BS CHEMISTRY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	English-I	3(3-0)
URCI-5105	Islamiyat	2(2-0)
BOTN-5101	Botany (Minor)-I	4(3-1)
ZOOL-5101	Zoology (Minor)-I	4(3-1)
CHEM-5101	Physical Chemistry (Major)	4(3-1)
<b>Total 17(14-3)</b>		
<b>SEMESTER-2</b>		
URCE-5102	English-II	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
BOTN-5102	Botany (Minor)-II	4(3-1)
ZOOL-5102	Zoology (Minor)-II	4(3-1)
CHEM-5102	Inorganic Chemistry (Major)	4(3-1)
<b>Total 17(14-3)</b>		
<b>SEMESTER-3</b>		
URCE-5103	English-III	3(3-0)
URCI-5109	Computer Applications	3(3-0)
BOTN-5103	Botany (Minor)-III	4(3-1)
ZOOL-5103	Zoology (Minor)-III	4(3-1)
CHEM-5103	Organic Chemistry (Major)	4(3-1)
<b>Total 18(15-3)</b>		
<b>SEMESTER-4</b>		
URCE-5104	English-IV	3(3-0)
BUSB-5106	Introduction to Management	3(3-0)
BOTN-5104	Botany (Minor)-IV	4(3-1)
ZOOL-5104	Zoology (Minor)-IV	4(3-1)
CHEM-5104	Chemistry (Special Topics)	4(3-1)
<b>Total 18(15-3)</b>		

\*Physics and Mathematics courses are offered for Pre-Engineering students in lieu of Zoology and Botany

<b>SEMESTER-5</b>		
CHEM-6105	Basic Mathematics	2(2-0)
CHEM-6106	Analytical Chemistry	4(3-1)
CHEM-6107	Inorganic Chemistry-I	4(3-1)
CHEM-6108	Organic Chemistry-I	4(3-1)
CHEM-6109	Physical Chemistry-I	4(3-1)
<b>Total 18(14-4)</b>		

<b>SEMESTER-6</b>		
CHEM-6110	Basic Statistics	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)
<b>Total 18(14-4)</b>		

<b>SEMESTER-7</b>		
CHEM-6115	Industrial Chemistry	3(3-0)
CHEM-6116	Forensic Science	2(2-0)
CHEM-61xx	Research/Course	4(3-1)
CHEM-61xx	Specialization	4(3-1)
CHEM-61xx	Specialization	3(3-0)
<b>Total 16(14-2)</b>		

<b>SEMESTER-8</b>		
CHEM-6117	Environmental Chemistry	3(3-0)
CHEM-61xx	Research/Course	4(3-1)
CHEM-61xx	Specialization	4(3-1)
CHEM-61xx	Specialization	3(3-0)
<b>Total 14(12-2)</b>		

## ELIGIBILITY CRITERIA

At least 45% marks in Intermediate with Chemistry as an elective subject  
Duration: 4 Years  
Semesters: 8  
Degree Requirements: Minimum 136 credit hours

## FACULTY MEMBERS

**Prof. Dr. Islam Ullah Khan**  
Vice Chancellor/Tenured Professor

**Dr. Tauqeer Ahmad**  
Assistant Professor

**Dr. Liaqat Ali**  
Assistant Professor



# MSc

## CHEMISTRY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
CHEM-6201	Basic Mathematics for Chemists	2(2-0)
CHEM-6202	Analytical Chemistry	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)**

<b>SEMESTER-2</b>		
CHEM-6206	Biochemistry	4(3-1)
CHEM-6207	Inorganic Chemistry-II	4(3-1)
CHEM-6208	Organic Chemistry-II	4(3-1)
CHEM-6209	Physical Chemistry-II	4(3-1)
CHEM-6210	Computer Applications in Chemistry	2(2-0)

**Total 18(14-4)**

<b>SEMESTER-3</b>		
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)**

<b>SEMESTER-4</b>		
CHEM-6213	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)**

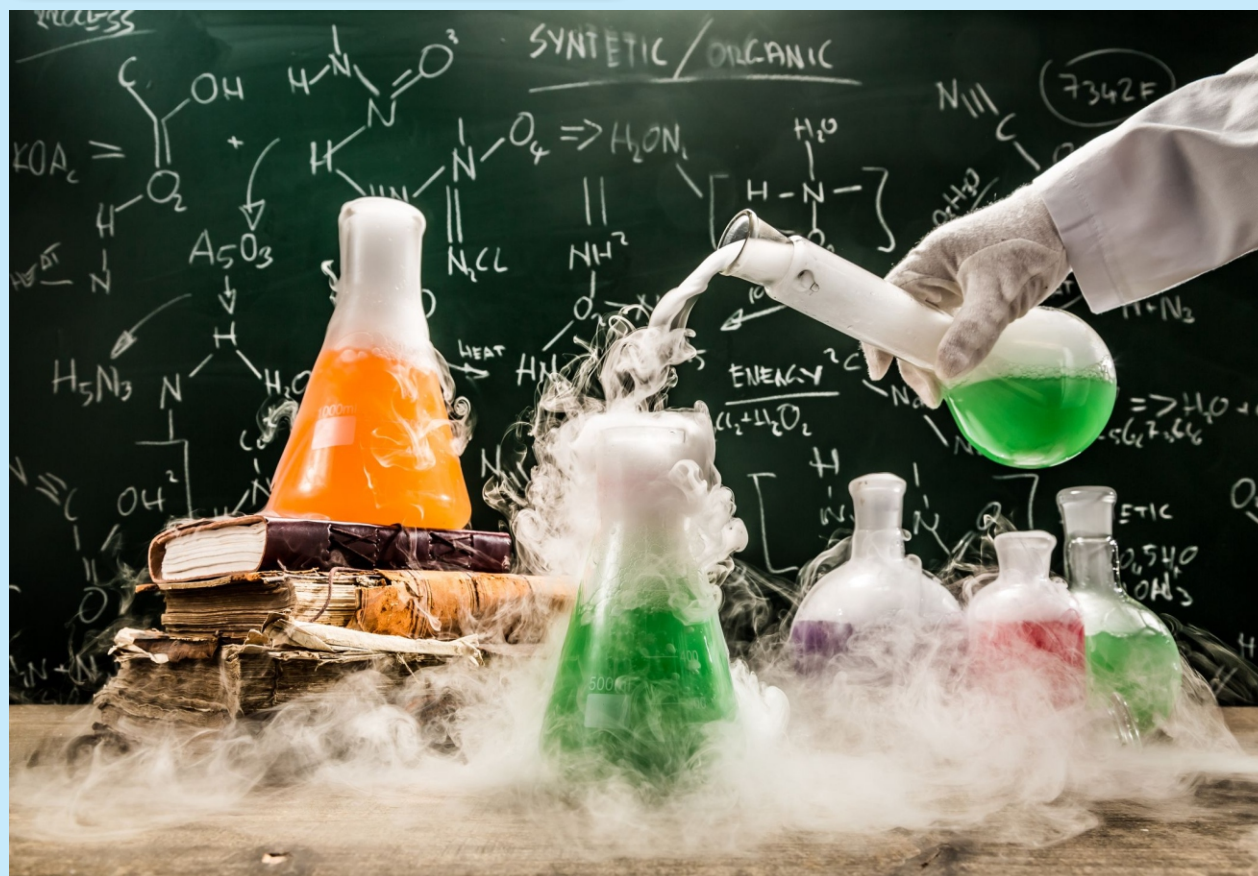
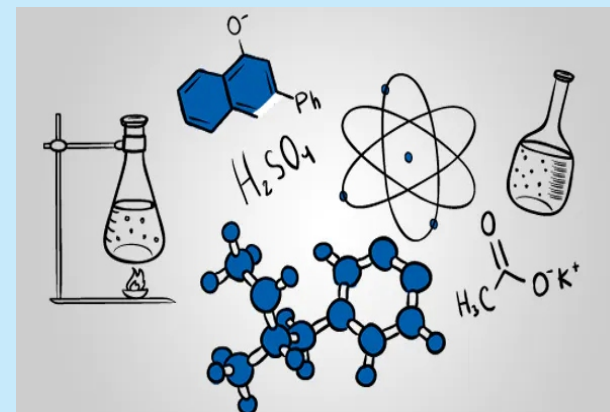
### ELIGIBILITY CRITERIA

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.

Duration: 2 Years

Semesters: 4

Degree Requirements: Minimum 66 credit hours



# DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY



**Dr. Tauqeer Ahmad**

Incharge / Assistant Professor

✉ csit@umw.edu.pk

☎ 0459-920270, Ext. 123

**W**ith state-of-the-art technology infrastructure, highly qualified faculty, and congenial educational environment, the Department of Computer Science & Information Technology provides quality education. The Department offers well-equipped air-conditioned computer labs, high speed internet connectivity, multimedia classrooms, and access to digital library for advance research journals / articles. Through extra-curricular and co-curricular activities, the department encourages students to build their managerial, creative & soft skills. The major research focus of the department includes machine learning, knowledge-based systems, formal methods, network security, genetic algorithms, etc.

The instantaneous advancement in computer science and information technologies has enabled organizations to utilize IT as a tool for achievement of rapid progress. Graduates trained with recent technologies and knowledge are essential for the organizations and community to tackle recent challenges.

Practical training is the basic goals of the offered degree programs. Students are trained according to computer and information technology industrial requirements and future technologies during the final year of their degree program. This type of training help of students to gain variety of benefits including developing skills, work experience and applying theoretical knowledge into practice.

Alumni of department are providing their services through teaching, research and development in various national and international organizations including software industry, education sector, universities, and other famous companies.

Undergraduate enrollment is approximately 500 in Department of Computer Science and Information Technology. Faculty and students are involved in research and development projects to facilitate the multidisciplinary research challenges with modern computation techniques.

# BS

## COMPUTER SCIENCE

### SEMESTER-1

CODE	COURSE TITLE	C/HR.
ICTC-101	Introduction to ICT	3(2-1)
CMPC-101	Programming Fundamentals	4(3-1)
ENGL-101	Functional English	3(3-0)
MATH-101	Calculus & Analytical Geometry	3(3-0)
PHYS-101	Applied Physics	3(3-0)
ISLS-101	Islamic Studies	2(2-0)

**Total 18(16-2)**

### SEMESTER-2

CSCC-102	Digital Logic and Design	4(3-1)
CMPC-102	Object Oriented Programming	4(3-1)
MATH-102	Probability & Statistics	3(3-0)
CMPC-104	Discrete Structure	3(3-0)
ENGL-102	Communication Skills	3(3-0)

**Total 17(15-2)**

### SEMESTER-3

CSCC-201	Comp Organization & Assembly Language	4(3-1)
CMPC-201	Data Structures & Algorithms	4(3-1)
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

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-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

CSCC-302	Artificial Intelligence	4(3-1)
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)
CSEC-409	Database Administration & Management	3(3-0)

**Total 12(9-3)**

### SEMESTER-8

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)**

### ELIGIBILITY CRITERIA

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: Minimum 130 credit hours

### FACULTY MEMBERS

**Mr. Saud Bin Tahir**  
Assistant Professor

**Mr. M. Asghar Nadeem Qaisrani**  
Assistant Professor

**Mr. Mudassar Ali Zaidi**  
Lecturer

**Mr. Shafaan Khaliq**  
Lecturer



# BS

## INFORMATION TECHNOLOGY

CODE	COURSE TITLE	C/HR.
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### SEMESTER-1

ITC-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

CMPC-102	Object Oriented Programming	4(3-1)
ENGL-102	Communication & Presentation Skills	3(3-0)
ITSC-102	Digital Logic Design	3(3-0)
MATH-102	Probability and Statics	3(3-0)
BUSB-102	Business Economics	3(3-0)
BUSB-202	Principles of Management	3(3-0)

**Total 19(18-1)**

### SEMESTER-3

CMPC-203	Data Structure and Algorithms	4(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

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-204	Entrepreneurship	3(3-0)

**Total 16(15-1)**

### SEMESTER-5

CMPC-301	Database Systems	4(3-1)
CMPC-303	Information Security	3(3-0)
ITSC-305	Design and Analysis of Algorithms	3(3-0)
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)

### 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 Management	4(3-1)
ISLS-402	Islamic Studies/Ethics	2(2-0)

**Total 15(11-4)**

### ELIGIBILITY CRITERIA

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: Minimum 130 credit hours



# MSc

## INFORMATION TECHNOLOGY

PRE-REQ.	CODE	COURSE TITLE	C/HR.
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### SEMESTER-1

	CMP-2122	Programming Fundamentals	4(3-1)
	MATH- 2215	Basic Electronics	3(3-0)
	CMP-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

CMP-3310	CMP-4970	Capstone Project II	3(3-0)
CMP-2540	IT-4349	IT-Project Management	3(3-0)
CMP-3611	IT-4511	System and Network Administration	3(3-0)

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.

### ELIGIBILITY CRITERIA

At least 45% marks in BSc/BA/PGD-IT/BCS/ADP.  
Duration: 2 Years  
Semesters: 4  
Degree Requirements: Minimum 74 credit hours



# BS

## SOFTWARE ENGINEERING

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
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)
<b>Total 18(16-2)</b>		

<b>SEMESTER-2</b>		
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)
<b>Total 18(17-1)</b>		

<b>SEMESTER-3</b>		
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)
<b>Total 16(15-1)</b>		

<b>SEMESTER-4</b>		
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)**

<b>SEMESTER-5</b>		
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)
<b>Total 16(14-2)</b>		

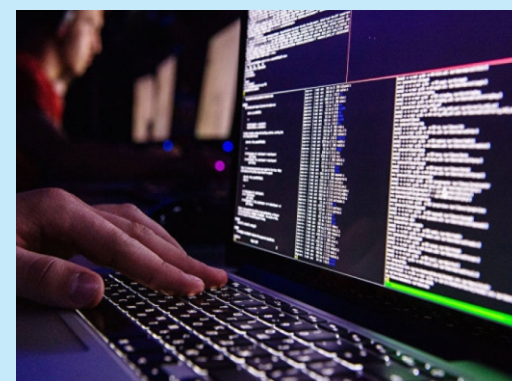
<b>SEMESTER-6</b>		
SECC-302	Software Quality Engineering	3(3-0)
CMPC-302	Information Security	3(3-0)
SESC-306	Professional Practice	3(3-0)
SECC-304	Web Engineering	3(3-0)
SEEC-314	Multimedia Systems and Design	3(3-0)
SESC-304	Cyber Security	3(3-0)
<b>Total 18(18-0)</b>		

<b>SEMESTER-7</b>		
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)
<b>Total 15(12-3)</b>		

<b>SEMESTER-8</b>		
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)
<b>Total 15(12-3)</b>		

### ELIGIBILITY CRITERIA

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: Minimum 130 credit hours



# DEPARTMENT OF MATHEMATICS



**Dr. Zafar Iqbal**

Incharge / Assistant Professor

✉ mathematics@umw.edu.pk

☎ 0459-920270, Ext. 129

**M**athematics develops critical thinking, problem solving skills and computational skills. The theory and techniques taught in courses of mathematics are important in today's society. The application of Mathematics in the subjects of technology, finance and environmental science has increased the demand for Mathematics graduates in a variety of fields. The Department of Mathematics will offer courses and programs of study that ensured that the students are able to contribute to today's society. The students who want to study more about Mathematics are encouraged. Department of Mathematics initially offers only BS Mathematics Program. More graduate and post graduate degree programs will be offered from the next academic year.

# BS MATHEMATICS

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	Grammar	3(3-0)
URCP-5106	Pak Studies	2(2-0)
ICTC-5201	Intro. to Info. & Communication Techn.	3(3-0)
MATH-5101	Calculus-I	3(3-0)
MATH-5102	Elements of Set Theory and Mathem. Logic	3(3-0)
PHYS-5161	Physic-I	4(3-1)
<b>Total 18(17-1)</b>		

<b>SEMESTER-2</b>		
URCE-5102	Lang. Comprehension & Presentation Skills	3(3-0)
URCI-5105	Islamic Studies	2(2-0)
MATH-5103	Programming Languages for Math	3(3-0)
MATH-5104	Calculus-II	3(3-0)
MATH-5105	Statistics	3(3-0)
PHYS-5162	Physic-II	4(3-1)
URCC-5110	Citizenship Education and Community Engagement	
<b>Total 18(17-1)</b>		

<b>SEMESTER-3</b>		
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)
<b>Total 16(15-1)</b>		

<b>SEMESTER-4</b>		
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)

MATH-5112	Spanish / French/Mathematical Economics	3(3-0)
<b>Total 16(15-1)</b>		

<b>SEMESTER-5</b>		
MATH-6113	Topology	3(3-0)
MATH-6114	Differential Geometry	3(3-0)
MATH-6115	Ordinary Differential Equations	3(3-0)
MATH-6116	Real Analysis-I	3(3-0)
MATH-6117	Algebra-II	3(3-0)
<b>Total 15(15-0)</b>		

<b>SEMESTER-6</b>		
MATH-6118	Classic Mechanics	3(3-0)
MATH-6119	Mathematical Methods	3(3-0)
MATH-6120	Complex Analysis	3(3-0)
MATH-6121	Functional Analysis	3(3-0)
MATH-6122	Real Analysis-II	3(3-0)
<b>Total 15(15-0)</b>		

<b>SEMESTER-7</b>		
MATH-6123	Numerical Analysis-I	3(3-0)
MATH-6124	Number Theory	3(3-0)
MATH-6125	Partial Differential Equations	3(3-0)
MATH-61xx	Elective-I	3(3-0)
MATH-61xx	Elective-II	3(3-0)
<b>Total 15(15-0)</b>		

<b>SEMESTER-8</b>		
MATH-6126	Numerical Analysis-II	3(3-0)
MATH-6127	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)
<b>Total 15(15-0)</b>		

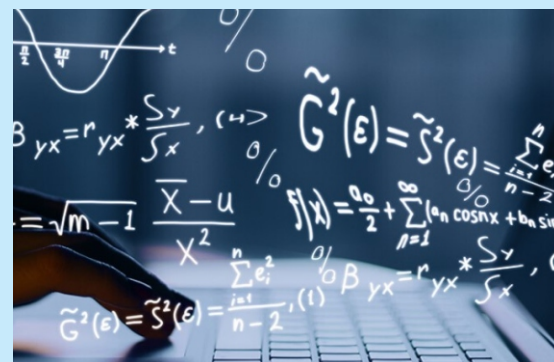
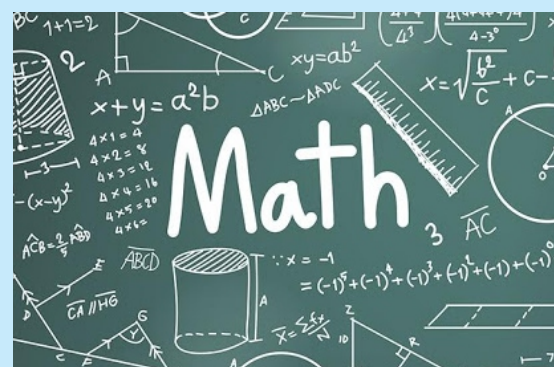
## ELIGIBILITY CRITERIA

Intermediate or equivalent with Mathematics  
(at least 45% marks in Intermediate and  
50% marks in Math)

Duration: 4 Years

Semesters: 8

Degree Requirements: Minimum 124 credit hours



# MSc

## MATHEMATICS

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
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)
MATH-6206	Introduction to Computers and its Applications	3(2-1)
		<b>Total 18(17-1)</b>

<b>SEMESTER-2</b>		
MATH-6207	Real Analysis-II	3(3-0)
MATH-6208	Linear Algebra	3(3-0)
MATH-6209	Functional Analysis	3(3-0)
MATH-6210	Mechanics	3(3-0)
MATH-6211	Complex Analysis	3(3-0)
MATH-6212	Computer Programming with C++	3(2-1)
		<b>Total 18(17-1)</b>

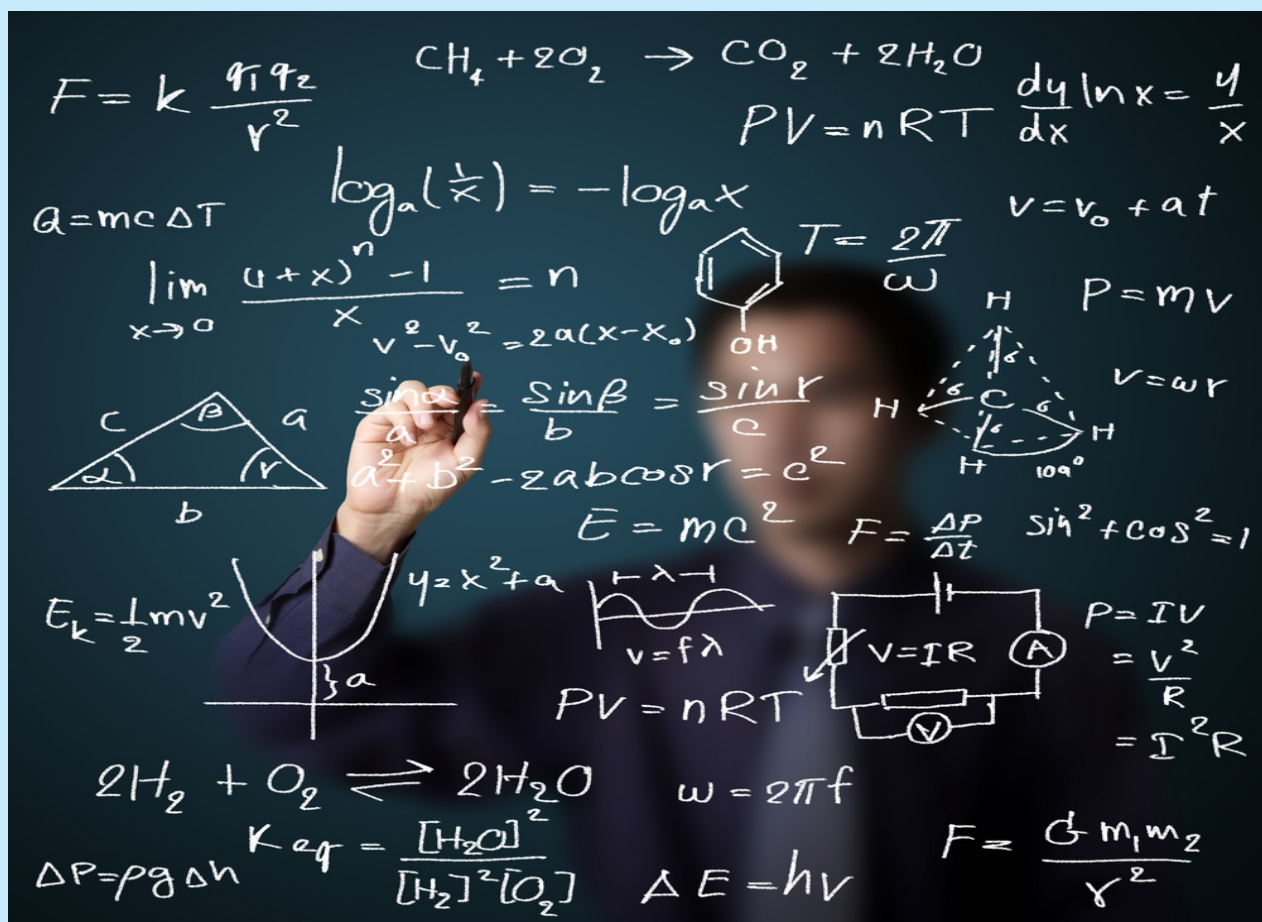
<b>SEMESTER-3</b>		
MATH-6213	Differential Geometry	3(3-0)
MATH-6214	Partial Differential Equations	3(3-0)
MATH-6215	Numerical Analysis-I	3(3-0)
MATH-62xx	Elective-I	3(3-0)
MATH-62xx	Elective-II	3(3-0)
		<b>Total 15(15-0)</b>

<b>SEMESTER-4</b>		
MATH-6216	Probability Theory	3(3-0)
MATH-6217	Integral Equations	3(3-0)
MATH-6218	Numerical Analysis-II	3(3-0)
MATH-6219	History of Mathematics	2(2-0)

MATH-62xx	Elective-III	3(3-0)
MATH-62xx	Elective-IV	3(3-0)
		<b>Total 17(17-0)</b>

### ELIGIBILITY CRITERIA

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: Minimum 66 credit hours



# DEPARTMENT OF PHYSICS



**Mr. Adeel Rasheed**

Incharge / Lecturer

✉ physics@umw.edu.pk  
☎ 0459-920270, Ext. 127

The Physics Department of this worthy and prestigious University of Mianwali was established with a vision to provide standard education. During this short journey many students have completed their degrees in BS Physics and M.Sc Physics with distinct grades and many are serving the country in various fields. We have more than 300 plus BS Physics students currently enrolled. The high profile faculty of department includes P.h.D. and M.Phil members who have expertise in different disciplines as well as in various research areas of physics. All faculty members are working effectively to provide healthy educational environment and to ensure quality education at university level.

The department is, currently offering BS PHYSICS (4 years) program, a truly professional degree, which meets all the requirements of modern era. The department has well-equipped laboratories where the students can perform experiments. The department has published research papers in high impact factor general.

The department is also planning for the establishment of research labs and also provides the research facility in collaborations with R&D organization in near future. It will help the students to enhance their interest in research in various area of science generally and in physics particularly. Department will offer new academic programs in future.



# BS PHYSICS

CODE	COURSE TITLE	C/HR.
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## SEMESTER-1

PHYS-5101	Mechanics-I	3(3-0)
PHYS-5102	Waves and Oscillations	3(3-0)
MATH-5120	Applications of Differentials	3(3-0)
URCE-5101	English-I	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)

**Total 14(14-0)**

## SEMESTER-2

PHYS-5103	Mechanics-II	3(3-0)
PHYS-5104	Electricity and Magnetism-I	3(3-0)
MATH-5121	Techniques of Integration	3(3-0)
URCE-5102	English-II	3(3-0)
URCI-5105	Islamic Studies	2(2-0)

**Total 14(14-0)**

## 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	English-III	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 15(12-3)**

## 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(3-0)
PHYS-6134	Methods of Experimental Physics	3(3-0)
PHYS-6135	Advanced Electronics LABd	3(3-0)
PHYS-6136	Introduction to Quantum Computing	3(3-0)
PHYS-6137	Particle Physics	3(3-0)
PHYS-6138	Project+	3(3-0)

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.

## ELIGIBILITY CRITERIA

Fsc (Pre-Engineering) or ICS (Math, Physics) or FSc (Pre-Medical) with Mathematics as additional subject

Duration: 4 Years

Semesters: 8

Degree Requirements: Minimum 130 credit hours

## FACULTY MEMBERS

**Mr. Muhammad Ashfaq**  
Lecturer

# MSc

## PHYSICS

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
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)**

<b>SEMESTER-2</b>		
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)**

<b>SEMESTER-3</b>		
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 /Thesis	3(3-0)

**Total 18(18-0)**

<b>SEMESTER-4</b>		
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/Thesis	3(3-0)

**Total 15(15-0)**

<b>Optional Courses</b>		
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	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.

### ELIGIBILITY CRITERIA

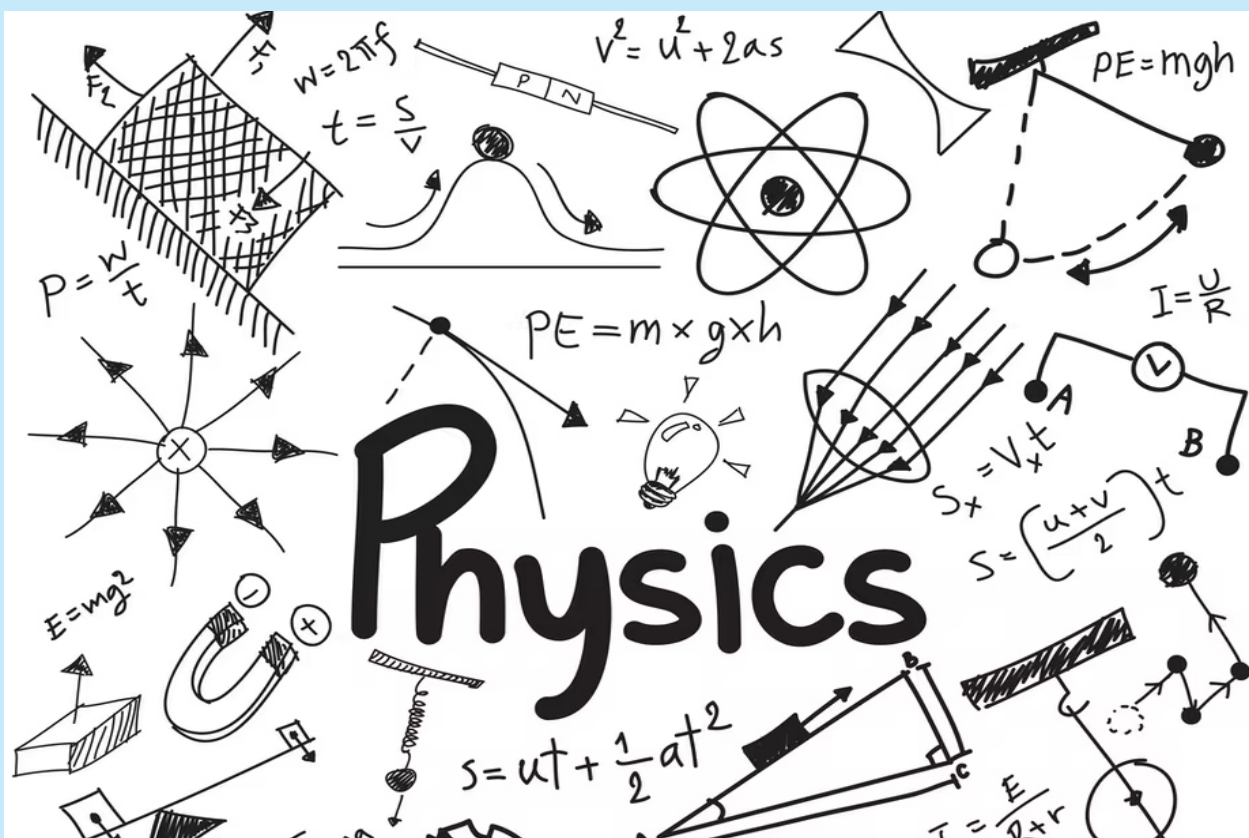
At least 2nd Division in BSc with one of the following combinations (with at least 45% marks in Physics)

- Physics + Math A + Math B
- Physics + Math General + any other Science subject

Duration: 2 Years

Semesters: 4

Degree Requirements: Minimum 66 credit hours



# DEPARTMENT OF **STATISTICS & DATA SCIENCE**



**Dr. Zafar Iqbal**

Incharge / Assistant Professor

✉ [statistics@umw.edu.pk](mailto:statistics@umw.edu.pk)

☎ 0459-920270, Ext. 126

**S**tatistical methods and the applications of probability theory are essential to the understanding of data and underlying processes in a very wide variety of fields, including health sciences, economics, and finance. Statistics is considerably more applied and vocational than many other courses. The vision of the department is to promote a quality education and productive research in different fields of Statistics. By extending the contributions in business, industry, and society, we enable our graduates to lead the research community, statistical profession, and society at large.

Department of Statistics is to contribute to the overall objectives of University of Mianwali through excellence in research and education in the Statistical Sciences. We aim to promote and sustain an environment that fosters creativity, critical thought, enquiry, and active learning equity.

# BS STATISTICS

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	English-I	3(3-0)
URCI-5105	Islamic Studies/Ethics	2(2-0)
MATH-5125	Calculus-I	3(3-0)
*****	General Course	3(3-0)
*****	General Course	3(3-0)
STAT-5101	Introductory Statistics	3(3-0)
<b>Total 17(17-0)</b>		
<b>SEMESTER-2</b>		
URCE-5102	English-II	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
MATH-5126	Calculus-II	3(3-0)
*****	General Course	3(3-0)
*****	General Course	3(3-0)
STAT-5102	Introduction to Probability Distributions	3(3-0)
<b>Total 17(17-0)</b>		
<b>SEMESTER-3</b>		
URCE-5103	English-III	3(3-0)
STAT-5103	Introduction to Computer	3(3-0)
*****	General Course	3(3-0)
*****	General Course	3(3-0)
STAT-5104	Basic Statistical Inference	3(3-0)
<b>Total 15(15-0)</b>		
<b>SEMESTER-4</b>		
URCE-5104	English-IV	3(3-0)
*****	General Course	3(3-0)
MATH-5127	Linear Algebra	3(3-0)
STAT-5105	Introduction to Regression Analysis & Exp Design	3(3-0)

STAT-5106	Applied Statistics	3(3-0)
		<b>Total 15(15-0)</b>

<b>SEMESTER-5</b>		
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)
		<b>Total 18(15-3)</b>

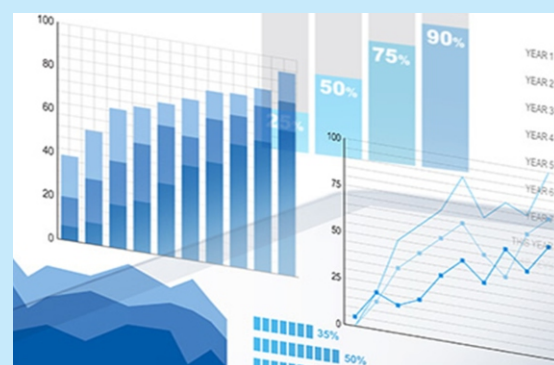
<b>SEMESTER-6</b>		
STAT-6112	Econometrics	4(3-1)
STAT-6113	Non-Parametric Methods	3(3-0)
STAT-6114	Probability & Probability Distributions-II	3(3-0)
STAT-6115	Sampling Techniques-II	4(3-1)
STAT-6116	Design & Analysis of Experiment-II	4(3-1)
		<b>Total 18(15-3)</b>

<b>SEMESTER-7</b>		
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-61**	Elective Course	3(3-0)
STAT-61**	Elective Course	3(3-0)
		<b>Total 16(15-1)</b>

<b>SEMESTER-8</b>		
STAT-6120	Population Studies	4(3-1)
STAT-6121	Statistical Inference-II	3(3-0)
STAT-61**	Elective Course	3(3-0)
STAT-61**	Elective Course	3(3-0)
STAT-6139	Project/Research Report	3(3-0)
		<b>Total 16(15-1)</b>

## ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent  
 Duration: 4 Years  
 Semesters: 8  
 Degree Requirements: Minimum 124 credit hours



# BS

## DATA SCIENCE

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
ICTC-5101	Introduction to Information & Communication Technologies	3 (2-1)
CMPC-5101	Programming Fundamentals	4 (3-1)
CMPC-5104	Discrete Structures	3 (3-0)
MATH-5101	Calculus & Analytic Geometry	3 (3-0)
ENGL-5119	English Composition & Comprehension	3 (3-0)
ISLS-5101	Islamic Studies/ Ethics	2 (2-0)
<b>Total 18 (16-2)</b>		
<b>SEMESTER-2</b>		
CMPC-5102	Object Oriented Programming	4 (3-1)
CMPC-5103	Information Security	3 (3-0)
MATH-5102	Linear Algebra	3 (3-0)
STAT-5102	Probability & Statistics	3 (3-0)
ENGL-5120	Communication & Presentation Skills	3 (3-0)
PAKS-5101	Pakistan Studies	2 (2-0)
<b>Total 18 (17-1)</b>		
<b>SEMESTER-3</b>		
CMPC-5104	Data Structures & Algorithms	4 (3-1)
CMPC-5105	Artificial Intelligence	4 (3-1)
CSCC-5102	Digital Logic and Design	4 (3-1)
MATH-5103	Differential Equations	3 (3-0)
STAT-5103	Advance Statistics	3 (3-0)
<b>Total 18 (15-3)</b>		
<b>SEMESTER-4</b>		
CMPC-5108	Computer Networks	4 (3-1)
CSCC-5103	Computer Organization & Assembly Language4	3 (3-1)
CMPC-5109	Analysis of Algorithms	3 (3-0)
CMPC-5110	Database Systems	4 (3-1)

ICTC-5101	Introduction to Information & Communication Technologies	3 (2-1)
CMPC-5101	Programming Fundamentals	4 (3-1)
CMPC-5104	Discrete Structures	3 (3-0)
MATH-5101	Calculus & Analytic Geometry	3 (3-0)
ENGL-5119	English Composition & Comprehension	3 (3-0)
ISLS-5101	Islamic Studies/ Ethics	2 (2-0)
<b>Total 18 (16-2)</b>		

CMPC-5102	Object Oriented Programming	4 (3-1)
CMPC-5103	Information Security	3 (3-0)
MATH-5102	Linear Algebra	3 (3-0)
STAT-5102	Probability & Statistics	3 (3-0)
ENGL-5120	Communication & Presentation Skills	3 (3-0)
PAKS-5101	Pakistan Studies	2 (2-0)
<b>Total 18 (17-1)</b>		

CMPC-5104	Data Structures & Algorithms	4 (3-1)
CMPC-5105	Artificial Intelligence	4 (3-1)
CSCC-5102	Digital Logic and Design	4 (3-1)
MATH-5103	Differential Equations	3 (3-0)
STAT-5103	Advance Statistics	3 (3-0)
<b>Total 18 (15-3)</b>		

CMPC-5108	Computer Networks	4 (3-1)
CSCC-5103	Computer Organization & Assembly Language4	3 (3-1)
CMPC-5109	Analysis of Algorithms	3 (3-0)
CMPC-5110	Database Systems	4 (3-1)

DATS-5101	Introduction to Data Science	3 (2-1)
<b>Total 18 (14-4)</b>		

<b>SEMESTER-5</b>		
DATS-6101	Operating System	4 (3-1)
DATS-6102	Data Mining	3 (2-1)
DATS-6103	Data Warehousing & Business Intel.	3 (2-1)
DATS-6104	DS Elective-1	3 (2-1)
DATS-6105	University Elective-1	3 (3-0)
<b>Total 16(12-4)</b>		

<b>SEMESTER-6</b>		
DATS-6106	Parallel & Distributed Computing	3 (2-1)
DATS-6107	Big Data Analytics	3 (2-1)
DATS-6108	Data Visualization	3 (2-1)
DATS-6109	DS Elective-2	3 (3-0)
DATS-6110	DS Elective-3	3 (3-0)
DATS-6111	University Elective-2	3 (3-0)
<b>Total 18(15-3)</b>		

<b>SEMESTER-7</b>		
DATS-6112	Final Year Project – I	3 (0-3)
DATS-6113	Software Engineering	3 (3-0)
DATS-6114	University Elective-3	3 (3-0)
ENGL-5124	Technical & Business Writing	3 (3-0)
DATS-6115	DS Elective-4	3 (3-0)
<b>Total 15 (12-3)</b>		

<b>SEMESTER-8</b>		
DATS-6116	Final Year Project – II	3 (0-3)
DATS-6117	University Elective-4	3 (3-0)
DATS-6118	Professional Practices	3 (3-0)
<b>Total 9 (6-3)</b>		

### ELIGIBILITY CRITERIA

The minimum requirement for admission in bachelor degree program in any computing program is the following:  
At least 50% marks in Intermediate (HSSC) examination with Mathematics or equivalent qualification with Mathematics and Computer Science, certified by IBCC.

### Duration

The minimum duration for completion of BS degree is four years. The HEC allows a maximum period of six years to complete BS degree requirements.

### Degree Completion Requirements

To become eligible for award of BS degree, a student must satisfy the following requirements:  
a) Must have studied and passed the prescribed courses, totaling at least 130 credit hours.  
b) Must have earned CGPA (Cumulative Grade Point Average) of at least 2.5 on a scale of 4.0.



# DEPARTMENT OF ZOOLOGY



**Dr. Khurram Shahzad Munawar**

Incharge / Assistant Professor

✉ [zoology@umw.edu.pk](mailto:zoology@umw.edu.pk)

☎ 0459-920270, Ext. 129

**Z**oology tries to understand and preserve the vast diversity existing on our planet. It is a major part of our scientific knowledge opening gateways to the medical science. Zoology is a science that has taken us back to our ancestors through break through studies on DNA (the molecule of life). It is a multidisciplinary field equipping its degree holders in environmental science, forensics, conservation and population genetics, microbiology, immunology toxicology, biochemistry, cell and molecular biology, wildlife, animal behavior, fisheries palaentology, physiology and zoogeography. The Department of Zoology was established initially as part of biological sciences and later on gained independent status in 2014. The department has highly professional and qualified faculty having expertise in multiple disciplines of Zoology. Innovative projects of inter-disciplinary nature have been bagged by the faculty under ORIC research initiative. Degree programs like BS and MSc are successfully running at the department. Department of Zoology has richly contributed in success of University as our graduate are working both in public and private sectors and playing effective role in various fields.

# BS ZOOLOGY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	English-I	3(3-0)
URCP-5106	Pakistan Studies	2(2-0)
BOTN-5101	Botany-I: Diversity of Plants	4(3-1)
CHEM-5101	Chemistry-I: Physical Chemistry	4(3-1)
ZOOL-5101	Principles of animal life	4(3-1)

**Total 17(14-3)**

<b>SEMESTER-2</b>		
URCE-5102	English-II	3(3-0)
URCI-5105	Islamic Studies/Ethics	2(2-0)
BOTN-5102	Botany-II: Plant Systematics, Anatomy/ development, embryology	4(3-1)
CHEM-5102	Chemistry-II: Inorganic Chemistry	4(3-1)
ZOOL-5102	Animal Diversity-Invertebrates	4(3-1)

**Total 17(14-3)**

<b>SEMESTER-3</b>		
URCE- 5103	English-III	3(3-0)
ICTC-5201	Introduction to Computer	3(2-1)
BOTN-5103	Botany-III: Cell biology, genetics & evolution	4(3-1)
CHEM-5103	Chemistry-III: Organic Chemistry	4(3-1)
ZOOL-5103	Animal Diversity: Chordates	4(3-1)

**Total 18(14-4)**

<b>SEMESTER-4</b>		
PSYC- 5101	Introduction to Psychology	3(3-0)
BOTN-5104	Botany-IV: Plant Physiology and Ecology	4(3-1)
URCE-5104	English-IV	3(3-0)
ZOOL-5104	Principles of Animal Physiology	4(3-1)
CHEM- 5104	Chemistry-IV: Special Topics in Chemistry	4(3-1)

**Total 18(15-3)**

<b>SEMESTER-5</b>		
ZOOL-6105	Fisheries	3(2-1)
ZOOL-6106	General Biochemistry	4(3-1)
ZOOL-6107	Cell & Molecular Biology	4(3-1)
ZOOL-6108	Biostatistics	3(3-0)
ZOOL-6109	Wildlife	3(3-0)

**Total 17(14-3)**

<b>SEMESTER-6</b>		
ZOOL-6110	Environmental Biology	4(3-1)
ZOOL-6111	Animal Physiology	4(3-1)
ZOOL-6112	Developmental Biology	4(3-1)
ZOOL-6113	Genetics	4(3-1)
ZOOL-6114	Animal Behavior	3(2-0)

**Total 19(14-5)**

<b>SEMESTER-7</b>		
ZOOL-6115	Seminar	1(1-0)
ZOOL-6116	Biological Techniques	3(2-1)
ZOOL-6117	Principles and Kinetics of Toxicology	4(3-1)
ZOOL-6118	Evolution and Principles of Systematics	4(3-1)
ZOOL-6119	Bioinformatics	3(2-1)
ZOOL-61xx	Thesis/Optional Paper	4(0-4) / 4(3-1)

**Total 19(14-5)**

<b>SEMESTER-8</b>		
ZOOL-6120	Zoogeography & Paleontology	3(3-0)
ZOOL-6121	Synopsis and Research Methodology	2(2-0)
ZOOL-6122	Biotechnology	4(3-1)
ZOOL-61xx	Thesis / Optional Paper	4(0-4) / 4(3-1)

**Total 13(11-2)**



## ELIGIBILITY CRITERIA

At least 45% marks in FSc (Pre-medical) with Biology (at least 33% marks) or equivalent qualification.

Duration: 4 Years

Semesters: 8

Degree Requirements: Minimum 133 credit hours



# MSc

## ZOOLOGY

### ELIGIBILITY CRITERIA

Eligibility: At least 45% marks in Graduation BSc with Zoology (at least 33% marks) or equivalent qualification.  
Duration: 2 Years  
Semesters: 4  
Degree Requirements: Minimum 64 credit hours



#### SEMESTER-1

CODE	COURSE TITLE	C/HR.
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	Genetics	4(3-1)
ZOOL-6210	Animal Behavior	3(2-1)

**Total 19(14-5)**

#### SEMESTER-3

ZOOL-6211	Seminar	1(1-0)
ZOOL-6212	Biological Techniques	3(2-1)
ZOOL-6213	Principles and Kinetics of Toxicology	4(3-1)
ZOOL-6214	Evolution and Principles of Systematics	4(3-1)
ZOOL-6215	Bioinformatics	3(2-1)
ZOOL-XXX	Thesis/Optional Paper	4(0-4) / 4(3-1)

**Total 19(14-5)**

#### SEMESTER-4

ZOOL-6216	Zoogeography & Paleontology	3(3-0)
ZOOL-6217	Synopsis & Research Methodology	2(2-0)
ZOOL-6218	Biotechnology	4(3-1)
ZOOL-62xx	Optional OR Thesis	4(0-4) / 4(3-1)

**Total 13(11-2)**

# UPCOMING **PROGRAMS**

■ Department of Microbiology

# DEPARTMENT OF MICROBIOLOGY

**M**icrobiology is a broad discipline of high relevance and scope having both basic and applied aspects. Microbiology has been considered as an important discipline of science, which has Practical implications in various aspects of human life like Medicine, Agriculture, Biotechnology and Bioinformatics. Twenty first century is considered to be the period of Microbiology and Biotechnology. Basic and Industrial research all over the world give prime importance to this discipline.

Because of the importance of the subject and its applicability, the mission of the Department of Microbiology is to produce skilled graduates in the discipline of Microbiology and to expand their knowledge of this field through research so that they can choose both research or academics as potential carrier. The main goal of the Department is to produce specifically trained graduates and initiate teaching and research in Microbiology leading to award of BS Microbiology and M.Phil, and Ph.D. Degrees.

**Vision:** To become leading contributor towards modern business economy in the era of globalization through excellence in academics and research.



# BS

## MICROBIOLOGY

CODE	COURSE TITLE	C/HR.
<b>SEMESTER-1</b>		
URCE-5101	English-I	3(3+0)
URCP-5106	Pakistan Studies	2(2+0)
URCM-5107	Math-I	3(3+0)
MICR-5101	General-I(Genetics-I)	3(2+1)
MICR-5102	General-II(Biochemistry-I)	3(2+1)
MICR-5103	Foundation-I(Fundamentals of Microbiology-I)	4(2+2)
<b>Total 18(14+4)</b>		

<b>SEMESTER-2</b>		
URCE-5102	English-II	3(3+0)
URCI-5105	Islamic Studies/Ethics	2(2+0)
ICTC-5201	Math/Stat-II/Univ. Optional	3(3+0)
MICR-5104	General-III(Genetics-II)	3(2+1)
MICR-5105	General-IV(Biochemistry-II)	3(2+1)
MICR-5106	Foundation-II(Fundamentals of Microbiology-II)	3(2+1)
<b>Total 17(14+3)</b>		

<b>SEMESTER-3</b>		
ICTC-5201	Computer Application	3(3+0)
MICR-5107	General-V(Biodiversity of Animals)	3(3+0)
MICR-5108	General-VI(Biodiversity of Plants)	3(3+0)
MICR-5109	Foundation-III(Cell Biology-I)	4(2+2)
MICR-5110	Foundation-IV(Gen. Virology)	3(2+1)
<b>Total 16(13+3)</b>		

<b>SEMESTER-4</b>		
MICR-5111	General-VII(Ecology and Ecosystem)	3(2+1)
MICR-5112	General-VIII(Environment Current Issues)	3(2+1)
MICR-5113	Foundation-V(Gen. Immunology)	3(2+1)
MICR-5114	Foundation-VI(Microbial Taxonomy)	3(2+1)
MICR-5115	Foundation-VII(Introduction to Medical Microbiology)	3(2+1)
<b>Total 15(10+5)</b>		

<b>SEMESTER-5</b>		
MICR-6116	Foundation-VIII(Biotechnology)	3(2+1)
MICR-6117	Foundation-IX(Biosafety & Risk Management)	3(2+1)
MICR-61xx	Major-I	4(2+2)
MICR-61xx	Major-II	4(2+2)
MICR-61xx	Major-III	3(2+1)
<b>Total 17(10+7)</b>		

<b>SEMESTER-6</b>		
MICR-5118	Foundation-X(Research Methodology)	3(2+1)
MICR-61xx	Major-IV	4(2+2)
MICR-61xx	Major-V	4(2+2)
MICR-61xx	Major-VI	3(2+1)
MICR-61xx	Major-VII	3(2+1)
<b>Total 17(10+7)</b>		

<b>SEMESTER-7</b>		
MICR-61xx	Major-VIII	4(2+2)
MICR-61xx	Major-IX	3(2+1)
MICR-61xx	Elective-I	3(2+1)
MICR-61xx	Elective-II	3(2+1)
MICR-61xx	Elective Paper/Research Project/Internship	3(3+0)
<b>Total 16(11+5)</b>		

<b>SEMESTER-8</b>		
MICR-61xx	Elective Paper/Research Project/Internship	3(3+0)
MICR-61xx	Major-X	3(2+1)
MICR-61xx	Major-XI	3(2+1)
MICR-61xx	Elective-III	3(2+1)
MICR-61xx	Elective-IV	3(2+1)
<b>Total 15(11+4)</b>		

### ELIGIBILITY CRITERIA

At least 45% marks in Intermediate or equivalent qualification (equivalence certificate is must) with Biology as an elective subject.

Duration: 4 Years

Semesters: 8

Degree Requirements: Minimum 132 credit hours



# RULES AND REGULATIONS

- Break up of Admission for Fall 2022
- Fee Structure for Fall 2022
- Admission Regulations (Undergraduate & Graduate)
- Admission Regulations (Postgraduate)
- Semester Regulations (Undergraduate and Graduate)
- Semester Regulations (Postgraduate)
- Discipline, Welfare Regulations and Code of Honor

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

# BREAKUP OF ENROLMENT

## FACULTY OF SCIENCES

### Department of Biotechnology

* BS Biotechnology	50	50	1	1	1	1	1	1	1	1	1	1	0	110
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### Department of Botany

* BS Botany	50	50	1	1	1	1	1	1	1	1	1	1	0	110
* MSc Botany	50	50	1	1	1	1	1	1	1	1	1	1	0	110

### Department of Chemistry

* BS Chemistry	50	50	1	1	1	1	1	1	1	1	1	1	0	110
* MSc Chemistry	50	50	1	1	1	1	1	1	1	1	1	1	0	110

### Department of CS and IT

* BS Computer Science	50	50	1	1	1	1	1	1	1	1	1	1	0	110
* BS Information Technology	50	50	1	1	1	1	1	1	1	1	1	1	5	115
* BS Software Engineering	50	50	1	1	1	1	1	1	1	1	1	1	0	110
* MSc Information Technology	50	50	1	1	1	1	1	1	1	1	1	1	0	110

### Department of Mathematics

* BS Mathematics	50	50	1	1	1	1	1	1	1	1	1	1	0	110
* MSc Mathematics	50	50	1	1	1	1	1	1	1	1	1	1	0	110

### Department of Physics

* BS Physics	50	50	1	1	1	1	1	1	1	1	1	1	0	110
* MSc Physics	50	50	1	1	1	1	1	1	1	1	1	1	0	110

### Department of Statistics & Data Science

* BS Statistics	50	50	1	1	1	1	1	1	1	1	1	1	0	110
* BS Data Science	50	50	1	1	1	1	1	1	1	1	1	1	0	110

### Department of Zoology

* BS Zoology	50	50	1	1	1	1	1	1	1	1	1	1	0	110
* MSc Zoology	50	50	1	1	1	1	1	1	1	1	1	1	0	110

Regular	Self Support (S\$)	Children/Spouses of UMW Regular Employees		UMW Regular Employees		Children/Ward of Martyrs/War Disabilities	Disable Persons	Religious Minorities Candidates	Overseas Pakistanis (Valid NICOP of student or parents)	Armed Forces Personnel	Outstanding Sports Persons	Specific Diploma/Degree Holders	Total
		Teaching	Non-Teaching	Teaching	Non-Teaching								

# FACULTY OF SOCIAL SCIENCES & HUMANITIES

Regular	Self Support (\$\$)	Children/Spouses of UMW Regular Employees		UMW Regular Employees		Children/Ward of Martyrs/War Disabilities	Disable Persons	Religious Minorities Candidates	Overseas Pakistanis (Valid NICOP of student or parents)	Armed Forces Personnel	Outstanding Sports Persons	Specific Diploma/ Degree Holders	Total
		Teaching	Non-Teaching	Teaching	Non-Teaching								
es													
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110
50	50	1	1	1	1	1	1	1	1	1	1	0	110



# **FEE STRUCTURE FOR FALL 2022**

# FEE STRUCTURE

		BUSINESS ADMINISTRATION				COMMERCE				EDUCATION						ENGLISH			
Details	To be paid	BBA (Hon's)		MBA		B.Com (Hon's)		MCOM		B.Ed		BS		MA		BS		MA	
		Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS
Admission Fee	Once Only	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000
Tuition Fee	Per Semester	15500	21700	15500	21700	14400	20500	14400	20500	12100	16300	14500	20300	14500	20300	12100	16300	12100	16300
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Library Security (Refundable)	Once Only	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Examination Fee	Per Semester	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Masjid Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Science Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports Fund	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
University Others Funds/charges	Per Semester	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Total (Semester-I) *****		30200	37900	30200	37900	29100	36700	29100	36700	26800	32500	29200	36500	29200	36500	26800	32500	26800	32500
Total (Semester-II & onwards)		23200	29400	23200	29400	22100	28200	22100	28200	19800	24000	22200	28000	22200	28000	19800	24000	19800	24000

Note: 1. For all Foreign/Overseas seats regular fee + 1,000/- US Dollar additional shall be charged each year.  
 2. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.  
 3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

# FEE STRUCTURE

		URDU				COMPUTER SCIENCE & INFORMATION TECHNOLOGY								CHEMISTRY			
Details	To be paid	BS		MA		BS (CS)		BS (IT)		BS (SE)		MSC (IT)		BS		MSC	
		Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS
Admission Fee	Once Only	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000
Tuition Fee	Per Semester	10900	15700	10900	15700	15700	39900	15700	39900	15700	39900	15700	39900	12100	18700	12100	18700
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Library Security (Refundable)	Once Only	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Examination Fee	Per Semester	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Masjid Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Science Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	1000	2000	1000	2000
Sports Fund	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	500	500	500	500	1000	2000	1000	2000	1000	2000	1000	2000	500	500	500	500
University Others Funds/charges	Per Semester	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Total (Semester-I) *****		25600	31900	25600	31900	30900	57600	30900	57600	30900	57600	30900	57600	27800	36900	27800	36900
Total (Semester-II & onwards)		18600	23400	18600	23400	23900	49100	23900	49100	23900	49100	23900	49100	20800	28400	20800	28400

Note: 1. For all Foreign/Overseas seats regular fee + 1,000/- US Dollar additional shall be charged each year.  
 2. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.  
 3. If duration of study is extended due to any reason, the fee shall be charged at the same rate.

# FEE STRUCTURE

		BOTANY				ZOOLOGY				MATHEMATICS				PHYSICS			
Details	To be paid	BS		MSC		BS		MSC		BS		MSC		BS		MSC	
		Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS
Admission Fee	Once Only	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000
Tuition Fee	Per Semester	12100	18700	12100	18700	12100	18700	12100	18700	12100	18700	12100	18700	12100	18700	12100	18700
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Library Security (Refundable)	Once Only	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Examination Fee	Per Semester	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Masjid Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Science Lab Charges	Per Semester	1000	2000	1000	2000	1000	2000	1000	2000	0	0	0	0	1000	2000	1000	2000
Sports Fund	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
University Others Funds/charges	Per Semester	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
<b>Total (Semester-I) *****</b>		<b>27800</b>	<b>36900</b>	<b>27800</b>	<b>36900</b>	<b>27800</b>	<b>36900</b>	<b>27800</b>	<b>36900</b>	<b>26800</b>	<b>34900</b>	<b>26800</b>	<b>34900</b>	<b>27800</b>	<b>36900</b>	<b>27800</b>	<b>36900</b>
<b>Total (Semester-II &amp; onwards)</b>		<b>20800</b>	<b>28400</b>	<b>20800</b>	<b>28400</b>	<b>20800</b>	<b>28400</b>	<b>20800</b>	<b>28400</b>	<b>19800</b>	<b>26400</b>	<b>19800</b>	<b>26400</b>	<b>20800</b>	<b>28400</b>	<b>20800</b>	<b>28400</b>

Note: 1. For all Foreign/Overseas seats regular fee + 1,000/- US Dollar additional shall be charged each year.

2. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.

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

# FEE STRUCTURE

		PSYCHOLOGY				STATISTICS AND DATA SCIENCE				ISLAMIC STUDIES		ECONOMICS				BIO TECHNOLOGY	
Details	To be paid	BS		MSC		BS Stat		BS DS		BS		BS		MSC		BS	
		Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS	Reg	SS
Admission Fee	Once Only	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000	2500	4000
Tuition Fee	Per Semester	14500	20300	14500	20300	24200	29200	24200	29200	13100	18800	14400	20500	14400	20500	24200	29200
University Registration Fee***	Once Only	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Library Security (Refundable)	Once Only	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Examination Fee	Per Semester	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Masjid Fund	Per Semester	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Science Lab Charges	Per Semester	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sports Fund	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Computer Fund	Per Semester	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
University Others Funds/charges	Per Semester	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
Total (Semester-I) *****		29200	36500	29200	36500	38900	45400	38900	45400	27800	35000	29100	36700	29100	36700	38900	45400
Total (Semester-II & onwards)		22200	28000	22200	28000	31900	36900	31900	36900	20800	26500	22100	28200	22100	28200	31900	36900

Note: 1. For all Foreign/Overseas seats regular fee + 1,000/- US Dollar additional shall be charged each year.

2. All government taxes will be applicable including Withholding Income Tax per year from all those students whose annual fee / dues is above the limit.

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

# Admission Regulations (Undergraduate & Graduate)

Following are the Admission Regulations for admission to all Undergraduate/Graduate programs 4-year BS/BCom/BBA etc. and 2-year MA/MSc etc.

## 1. Short Title and Commencement

The regulations prescribed hereunder shall be called Admission Regulations (undergraduate and graduate), University of Mianwali and are applicable from the academic session 2019-2020 and onward.

## 2. Definitions

In these rules and regulations unless the subject or context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say:

- 2.1 "Academic Year" means a year consisting of two regular semesters namely; Fall and Spring;
- 2.2 "Authority" means any of the Authorities of the University specified in the University Act; 2.3 "Dean" means the Chairperson of the Board of Faculty duly appointed by the Chancellor as per the provisions contained in the University of Mianwali Act 2019;
- 2.4 "University" means the University of Mianwali;
- 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.

- 3.1 A copy of printed Admission Regulations shall be made available in all the Departments 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 University of Mianwali 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 Honors) 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 Incharge/Chairperson of the Department shall, each year, communicate for approval to the Admission Committee, prior to admissions, the total number of students to be admitted. This number can't 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 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 Incharge/Chairperson concerned and Director Student Affairs.

Note: The Office of Director Students Affairs will circulate a complete list of such students to all 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 Incharge/Chairperson of the Department 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 Incharge/Chairperson of the Department 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/Library Sciences, MSc Physical Education (05) seats shall be kept reserved for Govt. employees provided that they seek NOC from their parent department and remain on study leave for the duration of degree course.

4.7 All the government employees seeking admission to University of Mianwali 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, 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 except in professional degree course i.e. M.Ed, B.Ed, MSc Criminology and MBA (Executive).

(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.

"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."

**Explanation (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 Mianwali, 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 Mianwali to a Department of the University of Mianwali and vice versa will be governed only in accordance with the Migration Policy of University of Mianwali, 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 Incharge/Chairperson concerned, with the written approval of the Chairman admission committee, provided that, the student concerned would have been offered admission, on merit basis in the Department 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 Incharge/Chairperson 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 Mianwali 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 University of Mianwali, 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 from the students.
- 4.21 A uniform policy to determine the merit will be observed in all the Departments, 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 sport basis shall be processed through the committee constituted to conduct the trials. Sports office is

responsible to make arrangements of the trials and to forward the final list of selected candidates before the display of third merit list and no relaxation will be given in the deadline.

4.26 The admission of disabled persons shall be processed through the committee constituted to determine the disability of candidate. The department shall forward the cases of disabled 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 Mianwali 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 Mianwali 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 Admission Committee. The same shall be communicated to all the teaching departments by the office of the Admission Committee.

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(s) is subject to class size. Minimum number of admitted students required to run a class at the time of admission shall be as under:

Regular	20
Self Support	25

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 detailed 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 Mianwali. 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.

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



# UMW Admission Policy for intake in 5th Semester

The Syndicate of University of Mianwali in its 5th meeting held on 22-02-2022 has approved the following UMW Admission policy for intake in 5th Semester.

In accordance with the decision taken by the Higher Education Commission regarding transition from 2-Year BA/BSc Programs to Associate Degree Programs and phasing out of 2-Year MA/MSc Programs (with extended timeline of June 30, 2022), the University of Mianwali will not offer admissions after Fall 2021 in these phased out degree programs. However, Higher Education Commission, vide notification No. 15-54/Coord/2019/HEC/951, dated November 1, 2021, gave provision of admission in 5th semester as follows:

The students having 14 years of education (BA/BSc/Associate Degree or Equivalent) can also take admission in 5th semester of a relevant BS/equivalent degree program.

In this regard, the following guidelines must be followed by the concerned departments at the University of Mianwali while giving admissions to the students in 5th semester.

1. The admission office shall consult the relevant Chairperson/Incharge of Department before confirming the admission to any student having 14 years of education.
2. The relevant department will decide up to 18 credit hours of bridging courses necessary for the students to be admitted in 5th semester after completing 14 years of education.
3. The bridging courses can be cross-linked with other departments in the same faculty, or with the previous (1-4) semesters.

Sr. No.	CGPA (out of 4.00)	CGPA (out of 5.00)	Percentage in Semester System	Percentage in Annual System	Division
1.	3.00 or above	4.00 or above	70% or above	60% or above	1st Division
2.	2.50 to 2.99	3.25 to 3.99	60% to 69.99%	45% to 59.99%	2nd Division
3.	2.49 or below	3.24 or below	59.99% or below	49.99% or below	3rd Division

4. The CGPA of the students admitted in 5th semester will be calculated as per the following formula:
5. The transcript of the student would specifically mention lateral entry of the students and only courses taken in UMW would be shown on the transcript.
6. A note will be added on the transcript highlighting the student's 14-year degree program along with the degree awarding institute and obtained result.
7. The degree and session of the students enrolling in BS 5th semester would exactly be the same as that of regular BS students of the same session.
8. The admission of BS program in 5th semester is allowed as per eligibility criteria of the concerned department, if any.
9. The CGPA mentioned on the transcript should be included CGPA of all subjects studied in the University along with CGPA obtained by para (4) as per approved Grading system of the University.

10. Lateral entry in BS 5th Semester will be offered in the same session only.

Note: All regulations/policies regarding discipline, welfare regulations, code of honors, admission, examination and semester regulations shall be applicable as already approved by the syndicate and available in the Prospectus of University of Mianwali. Currently, the University has offered Spring 2022 admission in the following Departments:

In further, the admission in BS 5th semester will be offered in all programs of the relevant semester (session).

# Admission Regulations (Postgraduate)

Following are the Admission Regulations for admission to all Undergraduate/Graduate programs 4-year BS/BCom/BBA etc. and 2-year MA/MSc etc.

## 1. Short Title and Commencement

The regulations prescribed hereunder shall be called Admission Regulations (Postgraduate), University of Mianwali and are applicable from the academic session 2019-2020 and onward.

## 2. Definitions

In these rules and regulations unless the subject or context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say:

- 2.1 "Academic Year" means a year consisting of two regular semesters namely; Fall and Spring;
- 2.2 "Authority" means any of the Authorities of the University specified in the University Act; 2.3 "Dean" means the Chairperson of the Board of Faculty duly appointed by the Chancellor as per the provisions contained in the University of Mianwali Act 2019;
- 2.4 "University" means the University of Mianwali;
- 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.

- 3.1 A copy of printed Admission Regulations shall be made available in all the Departments 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. Any 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 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 year education) shall be eligible for admission to MS/MPhil program and students who has 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 4 Year BS program/MA/MSc 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/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/MSc (Hons) (18-year education) degree with course work (without Research Thesis) are not eligible for PhD admission.

4.4 The Incharge/Chairperson of the Department shall, each year, communicate for approval to the Admission Committee, prior to admission, the total number of students to be admitted. The minimum and maximum number of seats shall be as follows:

- |             |       |
|-------------|-------|
| i. MS/MPhil | 10-20 |
| ii. PhD     | 05-10 |

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 Mianwali 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 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 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 Incharge/Chairperson 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 regulations.

4.9 All difficulties concerning to admissions shall be resolved by the Admission Committee in consultation with Incharge/Chairperson of the Department 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 Incharge/Chairperson of the Department 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 Mianwali, 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 of the University of Mianwali and vice versa will be governed only in accordance with the Migration Policy of University of Mianwali 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 from the students.

4.15 A uniform policy to determine the merit will be observed in all the Departments, 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 Mianwali should provide the NOC from the competent authority of Department concerned.

4.20 Qualification from Institutions other than the University of Mianwali 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.



# Semester Regulations (Undergraduate & Graduate)

## 1. Preamble

Notwithstanding anything contrary to the provisions of University of Mianwali Act 2019, the University shall offer Undergraduate (4-year BS/BCom, etc.), Graduate (2-year MA/MSc 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 program offered by the University.

## 2. Short Title and Commencement

The regulations described hereunder shall be called Semester Regulations-2019, University of Mianwali and shall come into force w.e.f academic session 2019-20.

## 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 "Incharge/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 Mianwali 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 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 running Semester System.

- 4.1 Each Department 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 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 adopted as of University of Sargodha after approval by the Syndicate.
- 5.2 A student shall normally be required to take the prescribed courses of six to eighteen credit hours work load offered by the Department in each semester. However, in special circumstances, (s)he can add maximum two courses with prior approval of the Incharge/Chairperson. The permission must be obtained within seven days from the commencement of the semester.
- 5.3 The students shall pursue the notified scheme of studies to be approved by the Competent Authority from time to time.
- 5.4 No student shall take any course unless (s)he has qualified the prerequisites for it as determined in the curriculum.

## 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 upto 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, for example;

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 the level of the program

- \* 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.
- \* 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.
- \* 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(30)
PHYS	5	1	02	PHYS-5102	4(31)
ENGL	5	1	03	ENGL-5103	2(20)
ISLS	5	1	04	ISLS-5104	3(30)

**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(30)
ENGL	5	2	02	ENGL-5202	3(30)
ENGL	5	2	03	ENGL-5203	3(30)
ENGL	5	2	04	ENGL-5204	3(30)

**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(30)
CHEM	6	1	02	CHEM-6102	4(31)
BOTN	6	1	03	BOTN-6103	4(31)
STAT	6	1	04	STAT-6104	3(30)

**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(30)
CHEM	6	2	02	CHEM-6202	4(31)
BOTN	6	2	03	BOTN-6203	4(31)
STAT	6	2	04	STAT-6204	3(30)

\* 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's 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 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 shall

notify the list of such students at least one day before the examination week.

7.2 The Incharge/Chairperson of the Department 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 Incharge/Chairperson of the Department, 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 Incharge/Chairperson.

7.5 If a student makes him/herself absent from the Department for ten consecutive working days, his/her name shall be struck off from the rolls of the Department. Such student shall not be re-admitted without the approval of the Incharge/Chairperson. The student shall have to pay the prescribed re-admission fee/dues under intimation to the Treasurer and the Incharge/Chairperson.

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 Incharge/Chairperson of the Department 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 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 Incharge/Chairperson of the Department 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 Incharge/Chairperson of the Department 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 Incharge/Chairperson to rejoin the program before the commencement of the semester to be rejoined.

9.4 The Incharge/Chairperson of the Department concerned will notify in both the cases; the semester freeze and rejoining the program under intimation to the Treasurer and the Incharge/Chairperson.

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 Incharge/Chairperson.

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, Incharge/Chairperson 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%. A student who fails to pass a course shall be awarded grade 'F' (Fail).

10.9 The scripts of each examination shall be shown to the students by the teacher to review their grades awarded. The Department 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 Incharge/Chairperson of the Department for decision by the Departmental Examination Committee.

10.12 After holding the final term examination, each teacher shall prepare three copies of the results of the Sessional, Mid Term and Final Term examinations on award list duly signed by the Incharge/Chairperson.

10.13 Teacher shall submit a copy of the award list duly approved by the Incharge/Chairperson along with the scripts within seven days of the respective examination to the In-charge Examinations of the Department.

10.14 The In-charge Examinations shall prepare the final consolidated result and submit it before the Departmental Examination Committee for consideration and approval. After deciding the appeals/written complaints/incomplete results, if any, the Departmental Examination Committee shall approve the result for notification by the Incharge/Chairperson of the Department concerned 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 approved/notified result shall be submitted to the Dean concerned, the Controller of Examinations and the Incharge/Chairperson of the Department.

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 transcripts shall be issued by the Department concerned to the students on request by depositing the prescribed fee for this purpose. The semester transcript shall bear the signatures of Incharge/Chairperson of the Department and In-charge Examinations. The Final/Official transcript shall be issued by the Controller of Examinations on completion of a degree program.

10.17 Each Department shall forward the final results of the students on completion of a degree program subject to fulfillment of all the requirements for issuance of the degree to the Controller of Examinations for degree notification. 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 Incharge/Chairperson of the Department. The evaluation of the project shall be made by the panel of three examiners comprising the Incharge/Chairperson, external examiner (to be recommended by the Board of Studies and appointed by the Vice Chancellor) and the supervisor.

10.19 Examination Unfair Means Cases shall be reported to the Incharge/Chairperson 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 Incharge/Chairperson of the Department 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 Promotion to next Semester.

11.1.1 A student with Cumulative Grade Point Average (CGPA) of 2.50 and above in the semester shall be promoted to the next semester.

11.1.2 A student with  $2.00 < \text{CGPA} < 2.50$  in the semester will be promoted to the next semester on "Probation" provided that (s)he has passed at least 50% of the courses in the semester.

11.1.3 A student with  $2.00 < \text{CGPA} < 2.50$  not interested in probation status will be allowed to repeat the semester or opting one or two course (s) with lowest grade to obtain required CGPA by paying the prescribed fee per course.

11.1.4 A student with CGPA less than 2.00 in any semester shall be dropped from the semester.

11.2 Probation status shall not be allowed in more than one semester for graduate programs and two semesters for undergraduate programs.

11.3 A student who has availed one/two probations status, as the case may be, and still unable to maintain 2.50 CGPA shall be dropped from the program as well as from the Department rolls.

11.4 There shall be no limit of attempts to pass any course. However, a student will have to complete the degree in due course of time period as provided in Semester Regulations.

11.5 A student, who has not been required to repeat any course(s), obtains CGPA of less than 2.50 at the end of the last semester may be allowed to repeat one or two courses in which (s)he has obtained the lowest grades, in order to improve the CGPA so as to obtain the minimum of 2.50, failing which (s)he shall be dropped from the program as well as from the Department rolls.

11.6 A student who has been declared to be dropped in any semester due to CGPA or failed courses may be readmitted (once) to the relevant semester with the following conditions:

11.6.1 The student has to pay prescribed re-admission fee in addition to regular semester fee under intimation to the Treasurer and the Incharge/Chairperson.

11.6.2 Permission to re-admission shall be obtained from the Incharge/Chairperson. However, (s)he can repeat the improvement/failed courses of previous semesters.

11.7 i) The students who will stand dropped or need to exit the program in the 6th semester or 3rd year of education in BS-4 year program may appear in the 1st or 2nd Annual Examination (if available) of BA/BSc (two years pass course) to receive the BA/BSc degree. Provided further that the certificate of practical shall be granted by the concerned Head of the Department in case of science or practical subjects.

ii) The facility of appearing in Annual Examinations shall not be allowed to the students of professional degrees like B.Com

(Hons), BBA, BSc (Hons) Agriculture, Food Science and LLB (5-year) programs etc.

## 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, if (s)he secures  $2.00 = GP < 2.50$  in a course(s) or obtains grade 'F' or grade 'W' in a course(s). In these cases, student shall enroll the course(s) with the permission of the Incharge/Chairperson of the Department 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 shall not be allowed to improve his/her grades.
- 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:
- 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.

Grading Table

% Marks	Grade Point	Letter Grade	% Marks	Grade Point	Letter Grade
85 & above	4.00	A <sup>+</sup>	64	2.70	C
84	3.94	A	63	2.65	C
83	3.87	A	62	2.60	C
82	3.80	A	61	2.55	C
81	3.74	A	60	2.50	C
80	3.67	A	59	2.40	C <sup>-</sup>
79	3.60	B <sup>+</sup>	58	2.30	C <sup>-</sup>
78	3.54	B <sup>+</sup>	57	2.20	C <sup>-</sup>
77	3.47	B <sup>+</sup>	56	2.10	C <sup>-</sup>
76	3.40	B <sup>+</sup>	55	2.00	C <sup>-</sup>
75	3.34	B <sup>+</sup>	54	1.90	D
74	3.27	B	53	1.80	D
73	3.20	B	52	1.70	D
72	3.14	B	51	1.60	D
71	3.07	B	50	1.50	D
70	3.00	B	Below 50	0.00	F
69	2.95	C <sup>+</sup>	50-100	P	Pass in non-credit course
68	2.90	C <sup>+</sup>	-	JP	In Progress
67	2.85	C <sup>+</sup>	-	I	Incomplete
66	2.80	C <sup>+</sup>	-	W	Withdrawal
65	2.75	C <sup>+</sup>	-	RL	Result late

Letter Grade	A <sup>+</sup>	A	B <sup>+</sup>	B	C <sup>+</sup>	C	C <sup>-</sup>	D
Remarks	Excellent	Very Good	Good	Fair	Average	Satisfactory	Adequate	Pass

### Legend

Cr: Credit of Courses  
 LG: Letter Grade  
 GP: Grade Point  
 CGPA: Cumulative Grade Point Average  
 GPA: Grade Point Average

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

### Example-I (Semester I)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C1	87	4.00	A	3	$4.00 \times 3 = 12.00$
C2	68	3.20	B	3	$3.20 \times 3 = 9.60$
C3	45	1.50	D	4	$1.50 \times 4 = 6.00$
C4	60	2.64	C	3	$2.64 \times 3 = 7.92$
C5	73	3.54	B	3	$3.54 \times 3 = 10.62$
		Total		16	46.14
GPA = $46.14 \div 16 = 2.88$ (Promoted)					

### Example-II (Semester II)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C1	72	3.47	B	3	$3.47 \times 3 = 10.41$
C2	69	3.27	B	3	$3.27 \times 3 = 9.81$
C3	80	4.00	A	3	$3.80 \times 3 = 11.4$
C4	38	0.00	F	3	$0.00 \times 3 = 0.00$
C5	Withdraw	-	W	0	-
		Total		12	31.62
GPA = $31.62 \div 12 = 2.64$					

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

Total (GP x Credit Hours) of all courses

CGPA = -----

Total Credit Hours of all courses

Total grade points in semester 1 and 2 =  $46.14 + 31.62 = 77.76$

Total credit hours in semester 1 and 2 =  $16 + 12 = 28$

CGPA =  $77.76 \div 28 = 2.78$  (Promoted)

### Example-III (Semester III)

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C1	55	2.30	C	4	$2.30 \times 4 = 9.20$
C2	50	2.00	D	3	$2.00 \times 3 = 6.00$
C3	58	2.50	C	2	$2.50 \times 2 = 5.00$
C4	38	0.00	F	4	$0.00 \times 4 = 0.00$
C5	45	1.50	D	3	$1.50 \times 3 = 4.50$
		Total		16	24.70
GPA = $24.70 \div 16 = 1.54$					

Total (GP Credit Hours) of all courses

CGPA = -----

Total Credit Hours of all courses

Total grade points in semester 1, 2, and 3 =  $46.14 + 31.62 + 24.70 = 102.46$

Total credit hours in semester 1, 2, and 3 =  $16 + 12 + 16 = 44$

CGPA =  $102.46 \div 44 = 2.33$  (Promoted)

**Example-IV (Semester IV)**

Course	Marks Obtained	Grade Point	Letter Grade	Credit Hours	Total GPS
C1	51	2.06	C	4	$2.06 \times 4 = 8.24$
C2	50	2.00	C	3	$2.00 \times 3 = 6.00$
C3	40	1.00	D	3	$1.00 \times 3 = 3.00$
C4	38	0.00	F	4	$0.00 \times 4 = 0.00$
C5	30	0.00	F	4	$0.00 \times 4 = 0.00$
		Total		18	17.24
	GPA = $17.24 \div 18 = 0.96$				

Total (GP Credit Hours) of all courses

CGPA = -----

Total Credit Hours of all courses

Total grade points in semester 1, 2, 3, and 4 =  $46.14 + 31.62 + 24.70 + 17.24 = 119.70$

Total credit hours in semester 1, 2, 3, and 3 =  $16 + 12 + 16 + 18 = 62$

CGPA =  $119.70 \div 62 = 1.93$  (Dropout)

**16. Migration/Transfer of Credits**

Under extra-ordinary circumstances, the Vice Chancellor, on the recommendations of the Incharge/Chairperson of the Department, may allow migration/transfer of credits of students from HEC recognized Institutions to a Department 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 concerned. Eligible candidates must satisfy the following conditions.

(1) The migration of a student from another University to the University of Mianwali to a Department of the University of Mianwali and vice versa will be governed only in accordance with the Migration Policy of University of Mianwali, 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 courses, shall be considered for transfer.

(4) (S)he passes the Department 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 to become eligible for the 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 shall have a Departmental Examination Committee comprising three to seven members appointed by the Dean of the Faculty. The Incharge/Chairperson of the Department 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 matters.

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 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 Incharge/Chairperson; 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 Incharge/Chairperson of teaching department of the University. The application shall be submitted along with processing fee @Rs. 500 in prescribed University account.

(b) Incharge/Chairperson 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.



# Semester Regulations (Postgraduate)

## 1. Preamble

Notwithstanding anything contrary to the provisions of University of Mianwali Act 2019, 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 "Rules and Regulations for MS/MSc(Hons)/MPhil and PhD programs, University of Mianwali, 2019" and shall come into force from the academic session 2019/2020.
- 2.2 However, to regulate the admissions made from September 2019 (Admissions Fall-2019), 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 rules and regulations can be consulted in those gray areas where existing 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;
- 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 Mianwali;
- 3.12 "Vice Chancellor" means the Vice Chancellor of the University.

## 4. Introduction

Following are the guidelines, procedures, rules and regulations to be administered by the Department 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 as well as the University Library for guidance and electronic copy shall be downloadable from the website of University of Mianwali ([www.umw.edu.pk](http://www.umw.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 Mianwali (AS & RB, Academic Council etc.).

## 5. Pre-Requisite to launch a MS/MSc(Hons)/MPhil or a PhD Program

- 5.1 Any Teaching Department 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 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 ( $> = 45\%$ ) in annual system or CGPA = 2.00 out of 4.00 in MA/MSc/BS (4Year) 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 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 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 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 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, and Librarian 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:
- Academic Qualifications (Terminal Degree) 70% contribution
  - Subject Based Entry Test 30% contribution
  - Candidates must qualify the interview conducted by the Postgraduate Program Committee of a Department.
- 7.7 Qualification from institutions other than the University of Mianwali 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 Incharge/Chairperson of the Department 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 = 11/2 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 Incharge/Chairperson of the Department 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 Incharge/Chairperson of the Department 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 In-charge/Chairperson/ of the Department.
- 9.5 For MS/MSc(Hons)/MPhil the candidate shall acquire CGPA = 2.70 after completing course work of 24 CHs. The degree shall be awarded to a candidate who shall acquire CGPA = 2.70. One page project digest (Short Description, signed by the scholar, supervisor(s), Incharge/Chairperson of the Department and Dean of the Faculty), name of the research supervisor(s) and list of three local examiners shall be communicated by the Incharge/Chairperson of the Department with 100 to 150 words Short Description through BoS to AS & RB for approval. Approved copies of the synopsis shall be sent to the offices of the Incharge/Chairperson of the Department 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. The title of research and synopsis shall be recommended by BoS of the Department 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 (along with 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 Incharge/Chairperson of the Department and CE for record.

- 9.7 The MS/MSc(Hons)/MPhil thesis shall be evaluated by an external examiner. The Controller of Examinations shall send the thesis to external examiner after approval of examiner by Vice Chancellor from a departmental pool of examiners approved by AS & RB. The Incharge/Chairperson of the Department concerned shall arrange and chair the viva voce examination of the scholar 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 CE 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. The research supervisor(s) shall endorse the report with his/her comments, which shall be finally signed by the Incharge/Chairperson of the Department 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 Mianwali 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 Incharge/Chairperson of the Department 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 Incharge/Chairperson of the Department 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 Incharge/Chairperson of the Department 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 Incharge/Chairperson of the Department 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

Marks Range	Grade Point (GP)	Letter Grade (LG)
80 and above	4.00	A
65-79	3.00	B
50-64	2.00	C
40-49	1.00	D
Below 40	0.00	F
Result Late	-	RL
Incomplete	0.00	I
Withdrawal	0.00	W
Repeated	0.00	R

12.3 The Letter Grade (LG)/Grade Point (GP) shall be assigned for each course according to Grading Table 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.

$$\text{GPA} = \frac{\text{Total (GP x CHs) courses of a semester}}{\text{Total CHs of a semester}}$$

12.6 For calculating CGPA, add up the total grade points of all courses of semesters and divide by the total number of CHs.

$$\text{CGPA} = \frac{\text{Total (GP x CHs) of all courses of a semesters}}{\text{Total CHs of semesters}}$$

#### 13. Submission of Results

Each teacher is required to submit result within one week after the final examination of each semester. The Incharge/Chairperson of the Department 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 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 Incharge/Chairperson of the Department 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 shall hold the said examination as per the schedule given in academic calendar after the completion of the course work.

15.2 The Incharge/Chairperson of the Department 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.

### 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 test must be conducted on the dissertation (< 19% match allowed in Turnitin Report) by ORIC office before its submission to the foreign experts.

16.3 On the completion of research work to the satisfaction of the supervisor/co-supervisor(s), the research scholar shall submit through his/her supervisor/co-supervisor(s) four copies of

thesis typed or printed along with four copies of short abstracts and an electronic copy on CD to the Controller of Examinations. The Controller of Examinations shall send hard and soft copies 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.
- 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 Incharge/Chairperson of the Department 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 Incharge/Chairman.

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 voce process may be started. If (s)he fails to obtain a recommendation in his/her favor from two foreign/external examiners even in the second evaluation his/her thesis shall be rejected finally.

# Discipline, Welfare Regulations and Code of Honor

## 1. CODE OF HONOUR

- 1.1 All Muslim students must show, in words and in deeds, their full faith in Islam.
- 1.2 All students must have faith in and respect for the Ideology of Pakistan.
- 1.3 All students must, in matters of religion, respect the convictions of others.
- 1.4 Every student is expected to:
  - (i) be Loyal to Pakistan;
  - (ii) obey the law of the Land as well as the Rules and Regulations of the University;
  - (iii) maintain Law and Order as well as the dignity and prestige of the Alma mater;
  - (iv) have respect for morality and personal honor 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, honor and the property of the University and that of the Academic/Administrative staff and fellow students;
  - (vii) respect teachers, all elders and persons in authority in the University;
  - (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) endeavor to positively contribute towards creating an atmosphere conducive to healthy academic pursuit.
- 1.5. Welfare: Each Teaching Department 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 Department, two teachers representing the teaching staff, President and Secretary of the student body of the Department. 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 (c) 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;
  - (ii) say or do anything which might adversely affect the honor and prestige of Pakistan, or University and teachers and his/her educational institution;
  - (iii) smoke in the Classroom, Laboratory, Workshop, Library and Examination Hall;

- (iv) form, or associate with an Organization / Society / Club, or any other body, promoting caste distinctions and inciting parochial / linguistic / regional feeling;
  - (v) organize, or hold any function within the precincts of the University except in accordance with the prescribed Rules and Regulations;
  - (vi) collect money or receive donations or pecuniary assistance for or on behalf of the University or any University Organization except with the written permission of the Syndicate;
  - (vii) stage, incite, or participate in, a walkout, strike or any other form of agitation which might create or is likely to create law and order problem for the University and affect or is likely to affect its smooth functioning;
  - (viii) indulge in immoral activities, use of indecent language, wearing immodest dress, make indecent remarks, jokes or gestures or behave in an improper manner;
  - (ix) cause disturbance to others;
  - (x) disturb peace and tranquility of the Institution;
  - (xi) keep or carry weapons, narcotics, immoral or submissive literature; and
  - (xii) use of insalutary or abusive language or resort to violence against a fellow student or employee of the University.
- 2.2 Disciplinary action by the Incharge/Chairperson of a University Teaching Department 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 if necessary;
    - (iii) A student may be fined. The fine imposed shall have to be deposited in the Treasury, under intimation to the Incharge/Chairperson Office or Secretary of Discipline Committee 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 Incharge/Chairperson;
    - (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 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 Incharge/Chairperson of the Department/Discipline Committee.
    - (vii) A student may be rusticated, expelled or asked to withdraw from the Department, in the manner herein after mentioned.
  - 2.3 Regulations Relating to Rustication, Expulsion and Withdrawal.
    - (i) Rustication, whenever imposed on a 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 University Teaching Department will, however, depend upon the time of the year when the penalty is imposed. The student under rustication may at the discretion of the Incharge/ Chairperson of a Department be permitted to rejoin the class in the same Department in the beginning of the next academic year:

- (ii) A student expelled from a University Teaching Department shall not be readmitted into the same Department or into another Department 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 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 Incharge/Chairperson of the Department and at least two senior members of the teaching staff to be nominated by the Incharge/Chairperson. The Incharge/Chairperson of the Department shall be the Chairperson of the Council who may pass such orders as he/she may deem fit. Other members shall act in as an advisory capacity. The Incharge/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, 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 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/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.**

# ADMINISTRATION

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