



# **PROSPECTUS** 2026 - 2027

## **THE UNIVERSITY OF CHAKWAL**



**ASPIRING FOR QUALITY EDUCATION**

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

# PROSPECTUS 2026-27

DISCLAIMER



The Prospectus for 2021 admission at The University of Chakwal is issued on the express condition that it shall not form part of any contract between the University and Student(s) Every effort has been made to ensure the accuracy of its contents, however, errors and omissions are excepted. This prospectus has no legal value, it is only a document for information and shall not be binding on the University in any case, whatsoever. The University reserves the right to withdraw any/or amend rules, regulations, policies, structure of fee and nature of courses at any time without prior notice. The admission to the University of Chakwal shall be subject to fulfilment of all requirements of pre-conditions by the students in terms of registration procedure and adherence to the Ordinance, Statutes, Rules and Regulations of the University. All admissions Made in contravention to the laws of the University shall be subject to cancellation, irrespective of the time spent and progress made in academics/studies.

# TABLE OF CONTENTS

- Quaid's Message
- Vice Chancellor's Message
- A Glance at History
- Our Paradigm
- University Map

## **FACULTY OF BUSINESS & MANAGEMENT SCIENCES**

- Department of Business Administration

## **FACULTY OF COMPUTING & INFORMATION TECHNOLOGY**

- Department of Computer Science & Information Technology

## **FACULTY OF ENGINEERING & TECHNOLOGY**

- Department of Electronics Engineering
- Department of Petroleum & Gas Engineering
- Department of Mechatronics Engineering

## **FACULTY OF HUMANITIES & SOCIAL SCIENCES**

- Department of Economics
- Department of English
- Department of Information Technology
- Department of Islamic Studies
- Department of Sociology
- Department of Urdu

## **FACULTY OF LAW**

- Department of Law ( LLB )

## **FACULTY OF MEDICINE & ALLIED HEALTH SCIENCES**

- Department of Human Nutrition & Dietetics

## **FACULTY OF PHARMACY**

- Department of Pharmacy

## **FACULTY OF SCIENCES**

- Department of Botany
- Department of Chemistry
- Department of Mathematics
- Department of Physics
- Department of Zoology

## **Rules And Regulations**

- Academic Rules and Regulations
- Examination and Evaluation

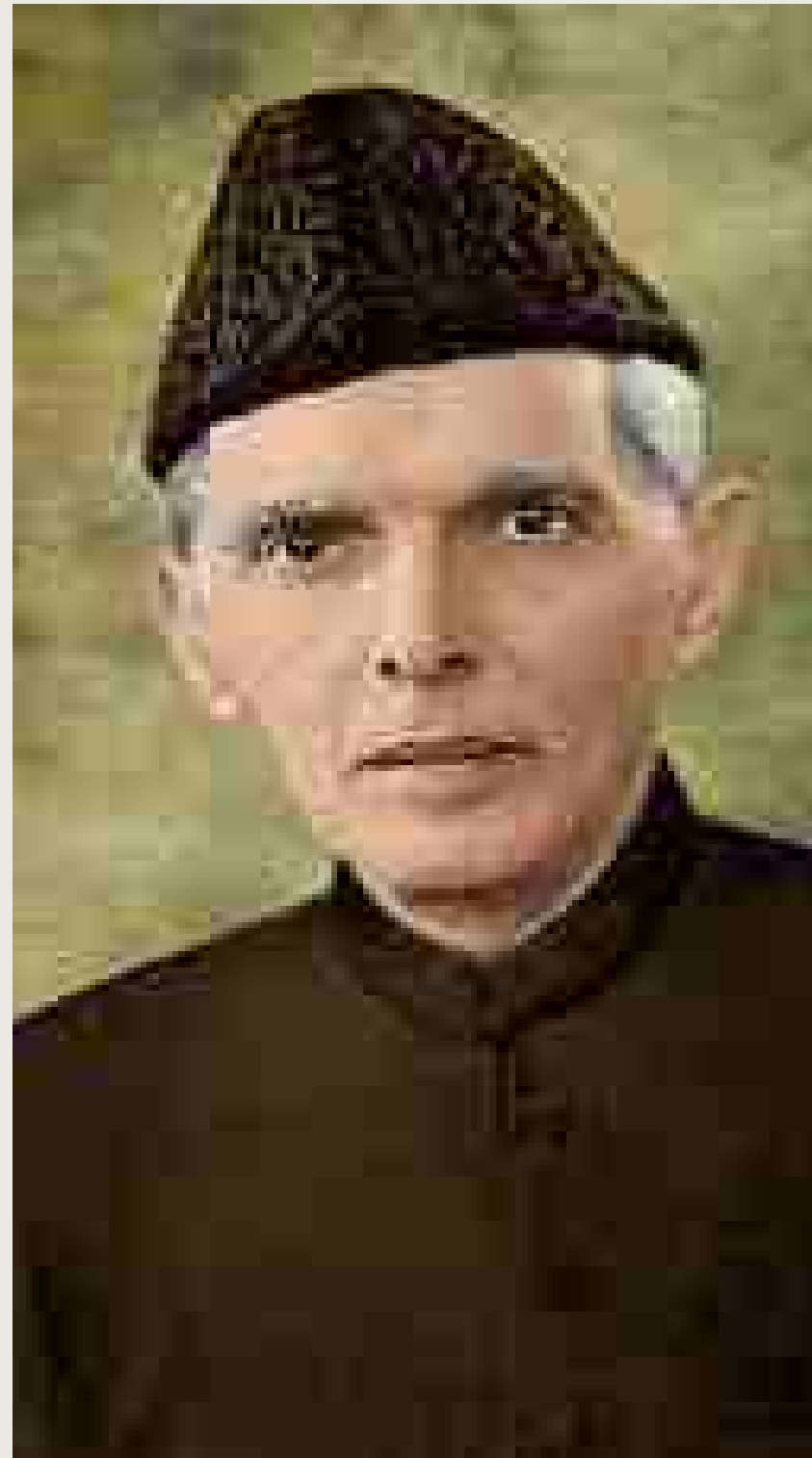
## **General**

- Common Facilities
- Highlights of Events

## QUAID'S MESSAGE

“ Without education it is complete darkness and with education it is light. Education is a matter of life and death to our nation. The world is moving so fast that if you do not educate yourselves you will be not only completely left behind, but will be finished up. The Holy Prophet (PBUH) had enjoined his followers to go even to China in the pursuit of knowledge. If that was the commandment in those days when communications were difficult, then, truly, Muslims as the true followers of the glorious heritage of Islam, should surely utilize all available opportunities. No sacrifice of time or personal comfort should be regarded too great for the advancement of the cause of education. ”

*Message to Muslim Student Federation, 1943*



# Vice Chancellor's Message

On behalf of the students and staff at the University of Chakwal, I cordially welcome all of you to a newly established yet highly aspiring educational institution of the Punjab. We are optimistic that each and every entrant will be fascinated with the commitment, passion, resolution and enthusiasm by all the functionaries of the University.

We are honored that a lot of laureates of various cohorts have been produced by the erstwhile Govt. Post-Graduate College, Chakwal, since its inception, 1949 in the field of Journalism, Art & Culture, Science, Literature, Technology, Statesmanship, Bureaucracy, Philanthropy, Education, Mining, Agriculture and Tourism. Ex-UET Taxila Campus, Chakwal also contributed laudable services to the field of Engineering.

University of Chakwal would provides a conducive enjoyment to young aspirants so that they could nurture their abilities and harness their creative skills to become future leaders.

UOC has started admissions in the fields of Arts & Sciences, Engineering & Technology, Medicine & Allied Health Scienses, Law & Business Studies.

I assure you that this institution would provide a great platform to encourage and promote research and innovation based activities while employing automation and digitalization tools.



**Prof. Dr.**  
**Farrukh Arsalan Siddiqui**  
Vice Chancellor  
The University of Chakwal



# OUR PARADIGM



## VISION

Our vision is to promote quality higher education and research culture so that highly efficient and market job oriented graduates are produced who could serve the nation with zeal and zest.

## MISSION

To ensure horizontal access of opportunities for higher education to all the segments of society, particularly those in the region.

To encourage relevant research and enhance analytical skills of the graduates to promote knowledge based capital for socio-cultural, economics and technological advancement.

To enable the budding scholars to socialize and groom personality through career counseling, co-curricular and extra-curricular activities at different levels.

## CORE VALUES

INTEGRITY

TRANSPARENCY

COMPASSION

SINCERITY

HARD WORK

# University MAP

- A OLD INTER BLOCK
- B PRINCIPAL OFFICE
- C DR. ZAHOOR & IR BLOCK
- D B.S. BLOCK
- E SEITHI BLOCK
- F CLASSROOMS
- G MOSQUE
- H BOYS & FACULTY HOSTEL
- I ARIYA BLOCK
- J CITY COLLEGE BUILDING
- K CAFETERIA
- L LIBRARY
- M ACADEMIC BLOCK
- N HEALTH CENTER
- O CD OFFICE
- P G.P.C.
- Q STUDENT SECTION



2026-27



**FACULTY OF  
BUSINESS & MANAGEMENT  
SCIENCES**

Department of  
**Business Administration**

BBA

(4-YEARS/8 SEMESTERS)

F A C U L T Y

F A C U L T Y



**Dr. Muhammad Zeeshan Zafar**  
Chairperson, Assistant Professor



**Dr. Noor Ul Ain Khan**  
Lecturer



**Mr. Ubaid Ur Rehman**  
Lecturer

CODE	COURSE	C/Hr.
<b>SEMESTER I</b>		
ENG-111	Eng. Grammar & Business Communication (English-I)	03
ISL-112	Islamic Studies	02
CS-113	Introduction to Computer	03
BBA-114	Introduction to Business	03
ECO-115	Micro Economics	03
BBA-116	Principles of Accounting	03
<b>TOTAL</b>		<b>17.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER II</b>		
ENG-121	Communication Skills (Englis-II)	03
PAK-122	Pakistan Studies	02
STA-123	Busines Statistics	03
BBA-224	Principles of Managment	03
ECO-125	Macro Economic	03
BBA-226	Fiinancial Accounting -II	03
HQL-127	Holy Quran Translation	01
<b>TOTAL</b>		<b>18.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER III</b>		
SOC-211	Introduction to Sociology	03
MAT-212	Business Mathematics	03
BBA-313	Business Finance	03
BBA-314	Principles of Marketing	03
BBA-315	Organizational Behavior	03
<b>TOTAL</b>		<b>15.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER IV</b>		
BBA-421	Human Resource Management	03
BBA-422	Financial Management	03
BBA-423	Entrepreneurship	03
BBA-424	Digital Marketing	03
BBA-425	Corporate Law	03
HQL-226	Holy Quran Translation	01
<b>TOTAL</b>		<b>16.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER V</b>		
BBA-511	Management Information System	03
BBA-512	International Trade	03
BBA-513	Business Law	03
BBA-514	Business Research Methods	03
BBA-515	Money and Banking	03
BBA-516	Marketing Management	03
	<b>TOTAL</b>	<b>18.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER VI</b>		
BBA-621	Production Operation Management	03
BBA-622	Marketing Issues Pakistan	03
BBA-623	Cost Accounting	03
ECOM-324	Introduction to E-commerce	03
	Business Elective-1	03
HQL-327	Holy Quran Translation	01
	<b>TOTAL</b>	<b>16.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER VII</b>		
BBA-711	Managerial Policy	03
BBA-712	Conflict Management	03
	Business Elective-II	03
	Business Elective-III	03
	Business Elective-IV	03
	<b>TOTAL</b>	<b>15.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER VIII</b>		
BBA-821	Internship	03
	Business Elective-V	03
	Business Elective-VI	03
	Business Elective-VII	03

**12.00**

**Total Credit Hours for BBA degree program = 127 credit hours**

**Elective Courses (BBA)**

<b>Sr. No</b>	<b>Specialization</b>
<b>MKT</b>	<b>Marketing</b>
	Selling & Sales Management
	Consumer Behavior
	Marketing Research Design & Analysis
	Service Marketing
	Advertising & Promotion
	International Marketing
	CRM
	Retail Marketing
	Sales Force Management

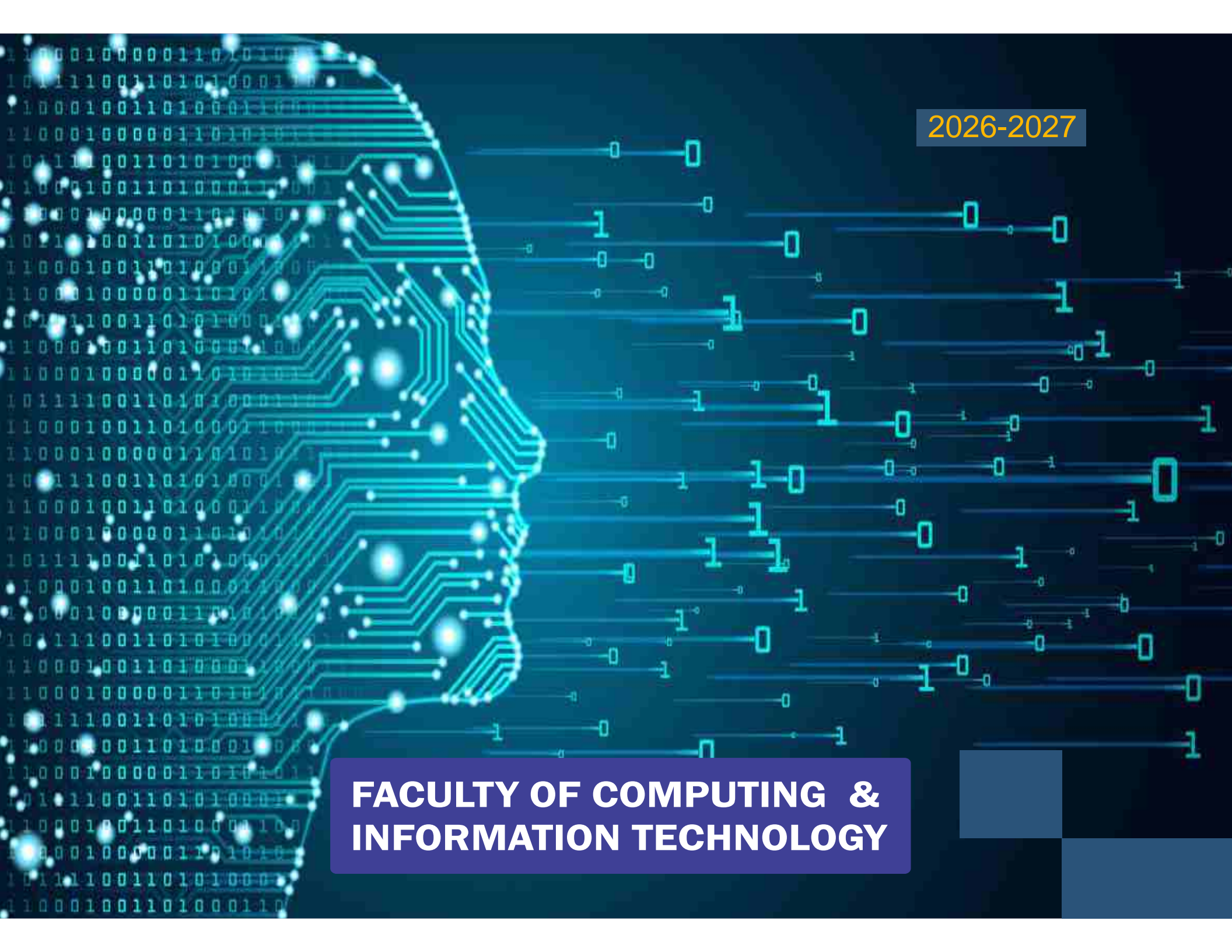
<b>Sr. No</b>	<b>Specialization</b>
<b>HRM</b>	<b>HRM</b>
	Leadership & Professional Development
	Compensation Management
	Performance Management
	Training & Development
	Organizational Change and Development
	International Human Resource Management
	Conflict Resolution
	Workforce Planning & Management
	HRM in the Asian Context

<b>Sr. No</b>	<b>Specialization</b>
<b>FM</b>	<b>Finance</b>
	Investment Analysis
	Islamic Finance
	Capital Budgeting
	Financial Markets & Institutions
	International Finance
	Financial Statement Analysis
	Commercial Banking
	Tax Management
	Financial Statements and Analysis

<b>Sr. No</b>	<b>Specialization</b>
<b>ENP</b>	<b>Entrepreneurship</b>
	Entrepreneurial Marketing
	Entrepreneurial Finance
	Entrepreneurial Practicum
	Idea Generation & Creativity
	Business Model Development & Innovation
	Small and Medium Enterprise Management
	Entrepreneurship and Innovation Strategy
	Business Research & Intelligence/ Marketing Analytics
	New Product Development

2026-2027

**FACULTY OF COMPUTING &  
INFORMATION TECHNOLOGY**



Department of  
**COMPUTER SCIENCE &  
INFORMATION TECHNOLOGY**

BS CS

(4-YEARS/8 SEMESTERS)

F A C U L T Y



**Mr. Wasi Haider**  
Lecturer



**Ms. Hina Iftikhar**  
Lecturer

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER I</b>				<b>SEMESTER III</b>			
		Theory	Lab.			Theory	Lab.
CS-111	Introduction to Information and Communication Technologies	02	01	CS-211	Ddata Structures and Algorithms	03	01
CS-112	Programming Fundamentals	03	01	MT-212	Probability & Statistics Comp.	03	00
MT-113	Calculus and Analytical geometry	03	00	CS-213	Organization & Assembly Language	03	01
EG-114	Communication and Presentation Skills	03	00	UE-214	University Elective – I	03	01
PHY-115	Applied Physics	02	01	MT-215	Differential Equations	03	00
PK-116	Pakistan Studies	02	00	ISL-226	Translation of Quran/Ethics	01	00
ISL-117	Translation of Quran/Ethics	01	00	<b>TOTAL</b>		<b>16</b>	<b>02</b>
<b>TOTAL</b>		<b>16</b>	<b>03</b>	<b>Semester Total</b>		<b>18.00</b>	
<b>Semester Total</b>		<b>19.00</b>					
<b>SEMESTER II</b>				<b>SEMESTER IV</b>			
		Theory	Lab.			Theory	Lab.
CS-121	Object Oriented Programming	03	01	CS-221	Design and Analysis of Algorithms	03	00
CS-122	Discrete Structure	03	00	CS-222	Theory of Automata	03	00
EG-123	Technical and Business Writing	03	00	UE-223	University Elective – II	03	00
CS-124	Digital Logic Design	03	00	CS-224	Database Systems	03	01
ISL-125	Islamic Studies/ Ethics	02	01	MT-225	Linear Algebra	03	00
<b>TOTAL</b>		<b>14</b>	<b>02</b>	<b>TOTAL</b>		<b>15</b>	<b>01</b>
<b>Semester Total</b>		<b>16.00</b>		<b>Semester Total</b>		<b>16.00</b>	

Department of  
**COMPUTER SCIENCE &  
INFORMATION TECHNOLOGY**

BS CS

(4-YEARS/8 SEMESTERS)

F A C U L T Y



**Engr. Muhammad Wajahat Lateef**  
Lab. Engineer



**Mr. Fahim Abid**  
Assistant Programmer

CODE	COURSE	C/Hr.	
		Theory	Lab.
<b>SEMESTER V</b>			
CS-311	Software Engineering	03	00
CS-312	CS Elective – I	03	00
CS-313	CS Elective – II	03	00
CS-314	Operating Systems	03	01
UE-315	University Elective –III	03	00
ISL-316	Translation of Quran/Ethics	01	00
<b>TOTAL</b>		<b>16</b>	<b>01</b>
<b>Semester Total</b>		<b>17.00</b>	

CODE	COURSE	C/Hr.	
		Theory	Lab.
<b>SEMESTER VI</b>			
CS-321	CS Elective – III	03	00
CS-322	Artificial Intelligence	03	01
CS-323	Computer Networks	03	01
CS-324	CS Elective – IV	03	00
MT-325	Numerical Computing	02	01
<b>TOTAL</b>		<b>14</b>	<b>03</b>
<b>Semester Total</b>		<b>17.00</b>	

CODE	COURSE	C/Hr.	
		Theory	Lab.
<b>SEMESTER VII</b>			
CS-411	Final Year Project – I	00	03
CS-412	CS Elective – V	03	00
CS-413	Parallel and Distributing Computing	02	01
CS-414	CS Elective – VI	03	00
CS-415	Compiler Construction	03	01
ISL-416	Translation of Quran/Ethics	01	00
<b>TOTAL</b>		<b>12.00</b>	<b>05</b>
<b>Semester Total</b>		<b>17.00</b>	

CODE	COURSE	C/Hr.	
		Theory	Lab.
<b>SEMESTER VIII</b>			
CS-421	Final Year Project – II	00	03
PP-422	Professional Practice	03	00
CS-423	Information Security	03	00
UE-424	University Elective – IV	03	00
CS-425	Theory of Programming Languages	03	00
<b>TOTAL</b>		<b>12.00</b>	<b>03</b>
<b>Semester Total</b>		<b>15.00</b>	

**Computer Science Elective Courses**

Sr.#	Course Title	Theory	Lab
1	Operations Research	3	0
2	Simulation and Modeling	3	0
3	Computer Graphic	2	1
4	Digital Image Processing	2	1
5	Digital Signal Processing	2	1
6	Computer Vision	2	1
7	Software Engineering	3	0
8	Advance Software Engineering	3	0
9	Principles of Programming Languages	2	1
10	Data Communication	3	0
11	Distributed Computing	2	1
12	Data and Network Security	3	0
13	Wireless Networks	2	1
14	Telecommunication Systems	2	1
15	Microprocessor Interfacing	2	1
16	Web Engineering	2	1
17	System Programming	2	1
18	Distributed Database Systems	2	1
19	Data Warehousing	2	1
20	Numerical Computing	3	0

Sr.#	Course Title	Theory	Lab
21	Expert Systems	3	0
22	Artificial Neural Network	3	0
23	Fuzzy Logic	3	0
24	Software Quality Assurance	3	0
25	Advance Object-Oriented Programming (JAVA)	3	1
26	Network Analysis and Design	3	0
27	Network Management	3	0
28	Game Programming	3	0
29	Object Oriented Software Engineering	3	0
30	Network Programming	3	0
31	Cloud Computing	3	0
32	Visual Programming	3	0
33	Cryptography	3	0
34	Human Computer Interaction	3	0
35	Computer Animation	3	0
36	Modern Programming Language	3	0
37	Information Security	3	0
38	Data and Network Security	3	0
39	Mobile Application Development Any other related Subject	3	1

**University Elective Courses**

Sr.#	Course Code	Course Title	Theory	Lab
1	MG	Financial Accounting	3	0
2	MG	Financial Management	3	0
3	MG	Human Resource Management	3	0
4	\MG	Marketing	3	0
5	SS	Economics	3	0
6	PS	Psychology	3	0
7	QA	Quality Improvement tools & Methods	3	0
8	QA	Quality Control & Engineering Standards	3	0
9	MG	Introduction to Management	3	0
10	EC	E-Commerce	3	0
11	SS	International Relations	3	0
12	QA	Quality Assurance and Management System	3	0
13	SS	Social Service	3	0
14	EP	Entrepreneurship	3	0
15	SS	Philosophy	3	0
16	SS	Social Media Marketing	3	0
17	SS	Foreign/Regional Language (French, German, Sindhi, Punjabi, Urdu etc.)	3	0

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER I</b>				<b>SEMESTER III</b>			
		Theory	Lab.			Theory	Lab.
CS-111	Introduction to Information and Communication Technology	02	01	UE-211	University Elective-2	03	00
				IT-212	IT Supporting Course-1	03	00
CS-112	Programming Fundamentals	03	01	CS-213	Data Structures and Algorithms	03	01
MT-113	Calculus and Analytical geometry	03	00	MT-214	Probability & Statistics	03	00
PHY-114	Applied Physics	03	00	CS-215	Computer Networks	03	01
EG-115	English I / English Composition & Comprehension	03	00	ISL-216	Translation of Quran/Ethics	01	00
				<b>TOTAL</b>		<b>16</b>	<b>02</b>
PK-116	Pakistan Studies	02	00	<b>Semester Total</b>		<b>18.00</b>	
ISL-117	Translation of Quran/Ethics	01	00				
	<b>TOTAL</b>	<b>17</b>	<b>02</b>				
	<b>Semester Total</b>	<b>19.00</b>					
<b>SEMESTER II</b>				<b>SEMESTER IV</b>			
		Theory	Lab.			Theory	Lab.
CS-121	Object Oriented Programming	03	01	MATH-221	Linear Algebra	03	00
EG-122	English II / Communication and Presentation Skills	03	00	CS-222	Database Systems	03	01
			00	CS-223	Information Security	03	00
CS-123	Discrete Structure	03	00	CS-224	Software Engineering	03	00
UE-124	University Elective-1	03	00	CS-225	Operating Systems	03	01
IT-125	IT Infrastructure	03	00	<b>TOTAL</b>		<b>15</b>	<b>02</b>
ISL-126	Islamic Studies/ Ethics	02	01	<b>Semester Total</b>		<b>17.00</b>	
	<b>TOTAL</b>	<b>17</b>					
	<b>Semester Total</b>	<b>18.00</b>					

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER V</b>				<b>SEMESTER VII</b>			
		Theory	Lab.			Theory	Lab.
IT-311	Web Technologies	03	00	CS-411	Final Year Project (In Progress)	00	03
IT-312	Virtual Systems and Services	03	01	IT-412	System and Network Administration	03	01
IT-313	IT Supporting Course –2	03	00	IT-413	IT Supporting Course –3	03	00
IT-314	IT Elective –1	03	00	IT-414	IT-Elective-5	03	00
IT-315	IT-Elective-2	03	00	IT-415	Cyber Security	03	00
ISL-316	Translation of Quran/Ethics	01	00	ISL-416	Translation of Quran/Ethics	01	00
	<b>TOTAL</b>	<b>16</b>	<b>01</b>		<b>TOTAL</b>	<b>13.00</b>	<b>04</b>
	<b>Semester Total</b>	<b>17.00</b>			<b>Semester Total</b>	<b>17.00</b>	
<b>SEMESTER VI</b>				<b>SEMESTER VIII</b>			
		Theory	Lab.			Theory	Lab.
IT-321	Database Administration & Management	03	01	CS-421	Final Year Project (Completed)	00	03
EG-322	English-III / Business & Technical Writing	03	00	UE-422	University Elective – 3	03	00
IT-323	IT Project Management	03	00	UE-423	University Elective – 4	03	00
IT-324	IT-Elective-3	03	00	PP-424	Professional Practices	03	00
IT-325	IT-Elective-4	03	00		<b>TOTAL</b>	03	00
	<b>TOTAL</b>	<b>15</b>	<b>01</b>		<b>Semester Total</b>	<b>12.00</b>	<b>03</b>
	<b>Semester Total</b>	<b>16.00</b>				<b>15.00</b>	

**Information Technology Elective Courses**

Sr.#	Course Title	Theory	Lab
1	Telecommunication Systems	3	0
2	Routing & Switching	3	0
3	Object Oriented Analysis and Design	3	0
4	Network Design and Management	3	0
5	Network Programming	3	0
6	Game Development	3	0
7	Human Computer Interaction	3	0
8	Information Systems	3	0
9	Multimedia Technologies	3	0
10	3D Modeling & Animation	3	0
11	Mobile Computing	3	0
12	Software Agents Technology	3	0
13	E-Commerce Applications Development	3	0
14	Enterprise Application Development	3	0
15	Distributed Computing	3	0
16	Visual Programming	3	0
17	Mobile Application Development	3	0
18	Web Engineering	3	0
19	Data Warehousing	3	0
20	Data Mining	3	0
21	Business Intelligence and Analytics	3	0
22	Distributed Database Systems	3	0
23	Enterprise Resource Planning Systems	3	0
24	Information Systems Auditing and Assurance	3	0
25	Data Science	3	0
26	Artificial Intelligence	3	0

Sr.#	Course Title	Theory	Lab
27	Research Methodology	3	0
28	Cloud Computing	3	0
29	Database Administration & Management	3	0
30	Business Process Management	3	0
31	Knowledge Management	3	0
32	Artificial Intelligence	3	0
33	Design Patterns	3	0
34	Service-Oriented Architecture	3	0
35	Computer Graphics	3	0
36	Bioinformatics	3	0
37	Biometric Systems	3	0
38	Wireless and Mobile Computing	3	0
39	Quality Principles of IT Infrastructure	3	0
40	Design User Experience and Usability	3	0
41	Hybrid Application	3	0
42	Software Quality Assurance	3	0
43	Software Project Management	3	0
44	Design and Evaluation of Interactive Systems	3	0
45	Interactive Information Visualization	3	0
46	Ethical Hacking for System Administrators	3	0
47	Special Topics in Information Technology	3	0
48	Computing Applications in Business	3	0
49	Web Standards	3	0
50	Web Mining and Information Retrieval	3	0
51	Software Design and Architecture	3	0

### Information Technology Supportive Courses

Sr. No	Course Title	Theory	Lab
1	Modeling and Simulations	3	0
2	Formal Methods	3	0
3	Operations Research	3	0
4	Enterprise Systems	3	0
5	Software Requirement Engineering	3	0

### University Elective Courses

Sr. No	Course Title	Theory	Lab
1	Financial Accounting/ Fundamentals of Accounting	3	0
2	Human Resource Management	3	0
3	Marketing	3	0
4	Introduction to Economics	3	0
5	Introduction to Psychology	3	0
6	International Relations	3	0
7	Introduction to Mass Communication	3	0
8	Organizational Behavior	3	0
9	Foreign Language (French, German, Arabic etc)	3	0
10	Entrepreneur and Leadership Skills	3	0
11	Principles of Accounting	3	0
12	Principles of Management	3	0
13	Principles of Philosophy	3	0
14	Design Management	3	0



2026 - 2027



# FACULTY OF ENGINEERING & TECHNOLOGY



**Dr. Eng. Mohsin Mumtaz Tarar**  
Chairperson, Assistant Professor



**Dr. Asim Quddus Satti**  
Assistant Professor



**Dr. Tariq Mehmood**  
Professor

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER I</b>				<b>SEMESTER III</b>			
		Theory	Lab.			Theory	Lab.
BH-111	Functional English	03	00	BH-211	Differential Equations	03	00
BH-112	Calculus & Analytical Geometry	03	00	BH-212	Pakistan Studies	02	00
BH-113	Applied Physics	03	01	EN-213	Digital Logic Design	03	01
CS-114	Computer Fundamentals & Programming	02	01	EN-214	Electronics Circuit Design	03	01
EN-115	Linear Circuit Analysis	03	01	BH-215	Technical Report Writing	03	00
EN-116	Electronics Workbench	00	01	<b>TOTAL</b>		<b>14</b>	<b>02</b>
<b>TOTAL</b>		<b>14</b>	<b>04</b>	<b>Semester Total</b>		<b>16.00</b>	
<b>Semester Total</b>		<b>18.00</b>					
<b>SEMESTER II</b>				<b>SEMESTER IV</b>			
		Theory	Lab.			Theory	Lab.
BH-121	Communication Skills	03	00	BH-221	Complex Variables & Transforms	03	00
BH-122	Linear Algebra	03	00	EN-222	Electrical Network Analysis	03	01
CS-123	Computer Aided Engineering Design	00	01	EN-223	Microprocessors & Microcontrollers	03	01
CS-124	Object Oriented Programming	03	01	EN-224	Islamic Studies	02	00
EN-125	Solid State Electronics	02	00	EN-225	Integrated Electronics	03	01
EN-126	Electronic Devices & Circuits	03	01	<b>TOTAL</b>		<b>14</b>	<b>03</b>
<b>TOTAL</b>		<b>14</b>	<b>03</b>	<b>Semester Total</b>		<b>17.00</b>	
<b>Semester Total</b>		<b>17.00</b>					



**Engr. Safia Bibi**  
Lecturer



**Engr. Athar Baig**  
Lecturer



**Engr. Illahi Jan Shah**  
Lecturer



**Engr. Syed Muhammad Qasim Ali Shah**  
Lecturer

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER V</b>				<b>SEMESTER VII</b>			
		Theory	Lab.			Theory	Lab.
EN-311	Electrical Machines	03	01	BH-411	Social Sciences-II	03	00
EN-312	Instrumentation & Measurements	03	01	EN-4XX	Elective-I	03	0/1
EN-313	Probability & Random Variables	03	00	EN-4XX	Elective-II	03	0/1
EN-314	Electromagnetic Field Theory	03	00	XX-4XX	Elective-III	03	0/1
EN-315	Signals & Systems	03	01	EN-499A	Electronic Engineering Project	00	03
<b>TOTAL</b>		<b>15</b>	<b>03</b>	<b>TOTAL</b>		<b>12</b>	<b>4/6</b>
<b>Semester Total</b>		<b>18.00</b>		<b>Semester Total</b>		<b>16/18.00</b>	

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER VI</b>				<b>SEMESTER VIII</b>			
		Theory	Lab.			Theory	Lab.
BH-321	Social Sciences Elective-I	03	00	MS-421	Management Science Elective-II	03	00
MS-322	Management Science-I	03	00	EN-4XX	Elective-III	03	01
EN-323	Analog & Digital Communication	03	01	EN-4XX	Elective-IV	03	0/1
EN-324	Control Systems	03	01	EN-499B	Electronic Engineering Project	00	03
EN-325	Digital Signal Processing	03	01	<b>TOTAL</b>		<b>09</b>	<b>4/5</b>
<b>TOTAL</b>		<b>15</b>	<b>03</b>	<b>Semester Total</b>		<b>13/14.00</b>	
<b>Semester Total</b>		<b>18.00</b>		<b>Semester Total</b>		<b>13/14.00</b>	



**Engr. Aneeqa Fakhar**  
Lab Engineer



**Engr. Muhammad Qammar Ud Din**  
Lab Engineer

**Note:**

1. All the mentioned courses offered by the department in a semester can be changed depending up on the availability of teachers and related lab facilities and it will be notified before the start of relevant semester.

**List of Engineering Elective Courses**

COURSE TITLE	THEORY	LAB
FPGA Based System Design	03	01
Embedded System Design	03	01
Industrial Automations	03	01
Power Electronics	03	01
Digital Image Processing	03	01
Microelectronics Technology	03	00
Digital System Design	03	01
Optoelectronic Devices	03	00
IC Testing & Verification	03	00
Industrial Electronics	03	01
Microwave Electronics	03	00
Computer Architecture	03	00
Artificial Intelligence	03	01
Introduction to Nanotechnology	03	00
Wireless Communication	03	00
Telecommunication & Networks	03	00
Biomedical Instrumentation	03	01
Wave Propagation & Antenna Theory	03	01
Introduction to Neural Networks	03	00
Fuzzy Logic	03	00
Introduction to Robotics	03	00
Laser & Fiber Optics	03	00

**List of Social Sciences Elective Courses**

COURSE TITLE	THEORY	LAB
Professional & Social Ethics	03	00
Critical Thinking	03	00
Introduction to Sociology	03	00
Applied Psychology	03	00
Social Anthropology	03	00
Understanding psychology & Human Behavior	03	00
Introduction to Philosophy	03	00

**List of Social Sciences Elective Courses**

COURSE TITLE	THEORY	LAB
Engineering Economics & Management	03	00
Entrepreneurship Principals of Management	03	00
Engineering Project Management	03	00
Research Methodologies	03	00
Leadership & Personal Grooming	03	00

F A C U L T Y



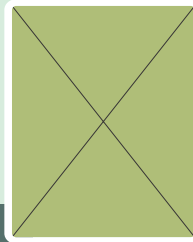
**Dr. Waheed Ur Rehman**  
Chairperson, Assistant Professor



**Dr. Sheeraz Yaqub**  
Assistant Professor

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER I</b>				<b>SEMESTER III</b>			
		Theory	Lab.			Theory	Lab.
GS-111	Calculus and Analytical Geometry	03	00	GS-211	Vector Calculus	03	00
ME-112	Engineering Statics*	03	00	EE-212	Electronics Devices and Circuits	03	01
HS-113	Social Sciences Electives I	02	00	ME-213	Engineering Dynamics	03	00
ME-114	Workshop Practice	00	02	MTE214	Solid Modelling	00	01
EE-115	Electric Circuits Analysis	03	01	ME-215	Materials and Manufacturing Processes	03	00
HS-116	Islamic Studies	02	00	CS-216	Data Structures and Object-Oriented Programming	03	01
	<b>TOTAL</b>	<b>16.00</b>					
				HS-217	Social Sciences Electives II	02	00
				<b>TOTAL</b>		<b>20.00</b>	
<b>SEMESTER II</b>				<b>SEMESTER IV</b>			
		Theory	Lab.			Theory	Lab.
GS-121	ODE & Linear Algebra	03	00	GS-221	Complex Variables and Transform	03	00
ME-12	Engineering Drawing	00	02	EE-222	Electronic Circuits Design	03	01
2CS-123	Computer Programming	02	01	EE-223	Signals and Systems	02	00
GS-124	Applied Physics	03	01	ME-224	Fluid Mechanics	02	01
HS-125	Technical Report Writing	02	00	CS-225	Digital Logic Design	02	01
HS-126	Pakistan Studies**	02	00	MTE226	Actuating Systems	03	01
HS-127	Communication Skills	02	00	<b>TOTAL</b>		<b>19.00</b>	
	<b>TOTAL</b>	<b>18.00</b>					

F A C U L T Y



**Dr. Bushra Nawaz**  
Lecturer



**Engr. M. Arqum Razzaq**  
Lecturer



**Engr. Ch Asad Abbas**  
Lecturer



**Engr. Sana Liaquat**  
Lecturer

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER V</b>				<b>SEMESTER VII</b>			
		Theory	Lab.			Theory	Lab.
GS-311	Probability and Statistics	03	00	MTE-411	Robotics	03	01
MTE-312	Microcontroller and Embedded Systems	02	02	ME-412	Fundamentals of Thermal Sciences	03	01
ME-313	Mechanics of Materials	02	01	MTE-413	Engineering Elective II	03	00
MTE-314	Instrumentation and Measurement	03	01	MS-414	Engineering Economics	03	00
ME-315	Theory of Machines	02	01	MTE-	Senior Design Project	00	03
MS-316	Modelling and Simulation	03	00	415-A			
<b>TOTAL</b>		<b>20.00</b>		<b>TOTAL</b>		<b>17.00</b>	
<b>SEMESTER VI</b>				<b>SEMESTER VIII</b>			
		Theory	Lab.			Theory	Lab.
GS-321	Numerical methods	02	00	MTE-421	Engineering Elective III	03	00
MTE-322	Mechatronics Systems Design	02	02	MTE-422	Industrial Automation	02	01
MTE-323	Design of Machine Elements	02	00	MTE-	Senior Design Project	00	00
MTE-324	Engineering Elective I	03	00	415-B			
HS-325	Management Sciences Elective	03	00	<b>TOTAL</b>		<b>09.00</b>	
MTE-326	Control Systems	03	01				
<b>TOTAL</b>		<b>18.00</b>					



**Engr. Bilal Ahmed**  
Lab Engineer



**Engr. M. Usama Farooq**  
Lab Engineer

### List of Engineering Elective Courses

COURSE	Theory	Lab
Power Electronics	03	00
Mechanical Vibrations	03	00
Special Topics in Mechatronics	03	00
Digital Signal Processing	03	00
Digital Control Systems	03	00
Machine Vision	03	00
Machine Learning	03	00
Artificial Intelligence	03	00
Precision Manufacturing	03	00
Energy resources and management	03	00
Intelligent Systems	03	00
Computer Aided Engineering	03	00
Digital Filter Design	03	00
Advanced Control Systems	03	00
Digital Signal Processing	03	00
Automotive Technology	03	00
Elect Instrumentation	03	00
Condition Monitoring	03	00
Laser and its Applications	03	00
Bio-Mechatronics Fuzzy logic	03	00
Data Communications and Networking	03	00
Applied Robotics	03	00
Mechatronics Modeling for Automotive Systems	03	00
Internal Combustion Engines	03	00
Power Train Systems	03	00
Computer Integrated Manufacturing	03	00
Embedded Systems	03	00

### List of Social Sciences Elective Courses

COURSE	Theory	Lab
Power Electronics	03	00
Professional Ethics	03	00
Sociology and Development	03	00
Organizational Behavior	03	00
Introduction to Philosophy	03	00
English	03	00

### List of Management Sciences Elective Courses

COURSE	Theory	Lab
Engineering Management	03	00
Total Quality Management (TQM)	03	00
Entrepreneurship, Leadership and Team Management	03	00
Principles of Management	03	00
Research Methodology	03	00
Knowledge Management	03	00



**Dr. Nasir Khan**  
Chairperson, Assistant Professor



**Engr. Akmal Khan**  
Lecturer



**Engr. Muhammad Arslan**  
Lecturer

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER I</b>				<b>SEMESTER III</b>			
		Theory	Lab.			Theory	Lab.
PG-111	Fundamentals of Petroleum Engineering	2	00	HS-211	Technical Writing and Presentation Skills	02	00
HS-112	Pakistan Studies	2	00	GS-212	Complex Variables and Linear Transform	03	00
HS-113	Islamic Studies / Ethics	2	00	CE-213	Fluid Mechanics	02	01
GS-114	Calculus	3	00	EE-214	Principles of Electrical Engineering	02	01
GS-115	Applied Physics	3	01	PG-215	Petroleum Geology and Geophysical Exploration	03	00
EN-116	Functional English	2	00	CH-216	Applied Thermodynamics	02	01
ME-117	Workshop Practice	0	02	ISL-224	Translation Of Holy Quran	01	00
ISL-122	Translation Of Holy Quran	1	00				
	<b>TOTAL</b>	<b>15</b>	<b>03</b>		<b>TOTAL</b>	<b>15.00</b>	<b>03</b>
	<b>Semester Total</b>	<b>18.00</b>			<b>Semester Total</b>	<b>18.00</b>	
<b>SEMESTER II</b>				<b>SEMESTER IV</b>			
		Theory	Lab.			Theory	Lab.
HS-121	Communication Skills	03	00	PG-221	Unconventional Reservoirs	03	00
GE-122	Applied Geology	02	01	CE-222	Mechanics of Materials	02	01
GS-123	Differential Equation	03	00	PG-223	Drilling Engineering-I	03	01
CH-124	Applied Chemistry	02	01	PG-224	Petrophysics	03	01
ME-125	Engineering Drawing	00	02	HS-225	Professional Ethics	03	00
CS-126	Computer Programming and Application Software	02	01		<b>TOTAL</b>	<b>14.00</b>	<b>03</b>
	<b>TOTAL</b>	<b>12.00</b>	<b>05</b>		<b>Semester Total</b>	<b>17.00</b>	
	<b>Semester Total</b>	<b>17.00</b>					



**Engr. Waqas Raza**  
Lab Engineer



**Engr. Ahmed zafar**  
Lab Engineer

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
<b>SEMESTER V</b>				<b>SEMESTER VII</b>			
		Theory	Lab.			Theory	Lab.
CS-311	Applied Numerical Methods	02	01	PG-411	Natural Gas Engineering	02	01
PG-312	Properties of Reservoir Fluids	03	01	PG-412	Well Testing	03	01
PG-313	Drilling Engineering-II	03	01	PG-413	Petroleum Production Engineering-II	03	01
MS-314	Environment and Safety Management	03	00	PG-414	Reservoir Simulation	03	01
CH-315	Principles of Corrosion Control	03	00	PG-415	Final Year Project-I	00	03
ISL-326	Translation Of Holy Quran	01	00	ISL-428	Translation Of Holy Quran	01	00
<b>TOTAL</b>		<b>15.00</b>	<b>03</b>	<b>TOTAL</b>		<b>12.00</b>	<b>07</b>
<b>Semester Total</b>		<b>18.00</b>		<b>Semester Total</b>		<b>19.00</b>	
<b>SEMESTER VI</b>				<b>SEMESTER VIII</b>			
		Theory	Lab.			Theory	Lab.
PG-321	Reservoir Geomechanics	02	00	PG-421	Final Year Project-II	00	03
PG-322	Well Logging	02	01	PG-422	Petroleum Economics	02	00
PG-323	Reservoir Engineering – I	03	01	MS-423	Project Planning and Management	03	00
PG-324	Petroleum Production Engineering-I	03	01	PG-424	Principles of Enhanced Oil Recovery	03	01
CH-325	Petroleum Refinery Engineering	03	01	PG-425	Reservoir Engineering – II	03	01
<b>TOTAL</b>		<b>13.00</b>	<b>04</b>	<b>TOTAL</b>		<b>11.00</b>	<b>05</b>
<b>Semester Total</b>		<b>17.00</b>		<b>Semester Total</b>		<b>16.00</b>	



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2026 - 27



# FACULTY OF HUMANITIES & SOCIAL SCIENCES



F A C U L T Y



**Dr. Moniba Sana**  
Chairperson, Assistant Professor



**Dr. Waqar Muhammad Khan**  
Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER I</b>			<b>SEMESTER III</b>		
ENG-111	Functional English	03	ENG-211	Technical Report Writing & Presentation Skills	03
ISL-110	Islamic Studies/ Ethics	02	ECO-212	Intermediate Microeconomics	03
ECO-111	Principle of Microeconomics	03	IT-101	Introduction to Computer	03
MTH-111	Fundamentals of Mathematics	03	SOC-214	Introduction to Anthropology	03
Code-115	Diversification-I	03	Code-215	Diversification- V	03
Code-116	Diversification-II	03	Code-216	Diversification-VI	03
ISL-111	Quran Translation/Ethics	00	Code-216	Diversification-VI	03
	<b>TOTAL</b>	<b>17.00</b>	ISL-213	Quran Translation/Ethics	00
<b>SEMESTER II</b>			<b>TOTAL</b>		<b>18.00</b>
ENG-121	Communication Skills	03	<b>SEMESTER IV</b>		
ECO-121	Principles Of Macroeconomics	02	POL-221	Introduction To Human Rights	03
PKS-122	Pakistan Studies	03	ECO-222	Intermediate Macroeconomics	03
ECO-124	Statistics-I	03	ECO-223	Statistic-II	03
Code-125	Diversification-III	03	ECO-224	Issues In World Economy	03
Code-126	Diversification-IV	03	Code-225	Diversification-VII	03
ISL-122	Quran Translation/Ethics	01	Code-226	Diversification-VIII	03
	<b>TOTAL</b>	<b>18.00</b>	ISL-224	Quran Translation/Ethics	01
			<b>TOTAL</b>		<b>19.00</b>

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER V</b>			<b>SEMESTER VII</b>		
ECO-311	Public Finance	03	ECO-411	Time Series and Panel	03
ECO-312	Monetary Economics	03		Data Econometrics	
ECO-313	Microeconomics Analysis	03	ECO-412	Islamic Economics	03
ECO-314	Mathematical Economics	03	ECO-413	Optional-I	03
ECO-315	Econometrics	03	ECO-414	Optional-II	03
ISL-315	Quran Translation/Ethics	00	ECO-415	Optional-III	03
	<b>TOTAL</b>	<b>15.00</b>	ISL-417	Quran Translation/Ethics	00
			<b>TOTAL</b>	<b>15.00</b>	
<b>SEMESTER VI</b>			<b>SEMESTER VIII</b>		
ECO-321	Development Economics	03	ECO-421	General Equilibrium & Welfare Economics	03
ECO-322	International Economics	03	ECO-422	Issues In Pakistan Economy	03
ECO-323	Macroeconomics Analysis	03	ECO-423	Optional-I	03
ECO-324	Financial Economics	03	ECO-424	Optional-II	03
ECO-325	Research Methodology	03	ECO-425	Optional-III	03
ISL-326	Quran Translation/Ethics	00	ISL-428	Quran Translation/Ethics	01
	<b>TOTAL</b>	<b>15.00</b>	<b>TOTAL</b>	<b>16.00</b>	

**OPTIONAL COURSE**

S.No.	CODE	COURSE	C/Hr.
01	ECO-	Game Theory	03
02	ECO-	Industrial Organization	03
03	ECO-	Behaviourial Economics	03
04	ECO-	Experimental Economic	03
05	ECO-	Monetary Policy	03
06	ECO-	Fiscal Policy	03
07	ECO-	Cost-Benefit Analysis	03
08	ECO-	Economics of Regulations and Competitive Economy	03
09	ECO-	Trade and Development	03
10	ECO-	International Finance	03
11	ECO-	Development Policy	03
12	ECO-	Poverty and Income Distribution	03
13	ECO-	Political Economy	03
14	ECO-	History of Economic Thought	03
15	ECO-	World Economic History	03
16	ECO-	Economics of Happiness and Well-being	03
17	ECO-	Economics of Education	03
18	ECO-	Urban Economics	03
19	ECO-	Transport Economics	03
20	ECO-	Institutional Economics	03
21	ECO-	Real Estate Economics	03
22	ECO-	Economics of Terrorism, War and Conflict	03
23	ECO-	Labour Economic	03
24	ECO-	Natural Resource Economics	03
25	ECO-	Environmental Economics	03
26	ECO-	Energy Economics	03
27	ECO-	Economics of Climate Change	03
28	ECO-	Islamic Banking: Theory and Practice	03
29	ECO-	Islamic Finance	03
30	ECO-	Divine Economics	03
31	ECO-	Comparative Economic System	03
32	ECO-	Economy, Ethics and Universals Values	03
33	ECO-	Managerial Economics	03
34	ECO-	Agricultural Economics	03

**GENERAL/DIVERSIFICATION COURSE**

S.No.	CODE	COURSE	C/Hr.
01	IR-	Introduction to International Relations	03
02	SOC-	Introduction to Sociology-I (S-I)	03
03	POL-	Introduction to Political Science	03
04	COM-	Principles of Accounting	03
05	COM-	Introduction to Commerce and Trade (S-I)	03
06	GEO-	Fundamentals of Geography	03
07	LAW-	Introduction to Law	03
08	MCM-	Introduction to Mass Communication	03
09	PSY-	Introduction to Psychology-I	03
10	MGT-	Principles of Management	03
11	EDU-	Introduction to Education	03
12	POL-	International Organizations	03
13	PSY-	Introduction to Psychology-II	03
14	SOC-	Industrial Sociology	03
15	SOC-	Introduction to Sociology-II	03



**Mr. Sajjad Hussain**  
Chairperson, Assistant Professor



**Mr. Syed Sibt-Ul-Hassan**  
Assistant Professor



**Mr. Muhammad Imran**  
Assistant Professor



**Mr. Mumtaz Ali**  
Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER I</b>			<b>SEMESTER III</b>		
ENG-111	Language in Use	03	ENG-233	18th & 19th Century Novel	03
ENG-113	Introduction to Language	03	ENG-234	Phonetics & Phonology	03
ENG-114	Introduction to Literature	03	COM-232	Computer Science	03
ENG-112	Short Stories	03	ENG-235	Classical Prose	03
PAK-112	Pakistan Studies	02	ENG-236	Classical Poetry	03
ISL-111	Islamic Studies	02	STA-234	Statistics	03
ISL-122	Translation Of Holy Quran	01	ISL-242	Translation Of Holy Quran	01
<b>TOTAL</b>		<b>17.00</b>	<b>TOTAL</b>		<b>19.00</b>
<b>SEMESTER II</b>			<b>SEMESTER IV</b>		
ENG-125	Study Skills	3	ENG-242	ELT (English Language Teaching)	03
ENG-123	History of English Literature	3	ENG-243	Greek & Classical Drama	03
ENG-124	Sociolinguistics & Psycholinguistics	3	PHY-245	Philosophy	03
PSY-124	Psychology	3	URDU-211	اردو زبان و ادب کا مختصر جائزہ	03
ENG-122	Creative Writing	3	ENG-246	Semantics & Pragmatics	03
SOC-121	Sociology	3	ENG-247	Morphology & Syntax	03
<b>TOTAL</b>		<b>18.00</b>	<b>TOTAL</b>		<b>18.00</b>



**Mr. Tariq Mehmood**  
Lecturer



**Mr. Mubashar Hassan**  
Lecturer



**Mr. Syed Ali Raza**  
Lecturer

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER V</b>			<b>SEMESTER VII</b>		
ENG-352	Shakespearean Drama	03	ENG-476	Critical Theories	03
ENG-353	Literary Criticism	03	ENG-475	Islam and Western Literature	03
ENG-354	Discourse Analysis	03	ENG-474	American Literature	03
ENG-351	Citizenship & Human Rights	03	ENG-471	Pakistani Poetry and Prose in English	03
ENG-356	Applied Linguistics	03	ENG-472	20th Century Poetry	03
ENG-357	Stylistics	03	ISL-428	Translation Of Holy Quran	01
ISL-326	Translation Of Holy Quran	01	<b>TOTAL</b>		<b>16.00</b>
<b>TOTAL</b>		<b>19.00</b>			
<b>SEMESTER VI</b>			<b>SEMESTER VII</b>		
ENG-362	Modern Drama	03	ENG-482	Post-Colonial Literature	03
ENG-366	Modern Novel	03	ENG-483	Post Modern Fiction	03
ENG-361	Romantic Poetry	03	ENG-485	World Literature in Translation	03
ENG-364	ESP ( English for Specific Purposes)	03	ENG-486	Pakistani Novel in English	03
ENG-367	Research Methodology	03	ENG-487	Micro teaching and Lesson Plan	03
ENG-363	Women Writings	03	<b>TOTAL</b>		<b>15.00</b>
<b>TOTAL</b>		<b>18.00</b>			

Department of  
**INTERNATIONAL RELATIONS**

BS  
INTERNATIONAL  
RELATIONS (4-YEARS/8 SEMESTERS)

F A C U L T Y



**Mr. Shakeel ur Rehman**  
Chairperson, Assistant Professor



**Mr. Ashfaq Ahmad Khan**  
Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER I</b>			<b>SEMESTER III</b>		
ENG-111	English-I (C-1)	03	ENG-211	English-III (C-6)	03
PAK-112	Pakistan Studies (C-2)	02	SCI-212	Introduction To Computer Skills (C-7)	03
MTH-113	Introduction to Mathematics (C-3)	03	SOC-213	Introduction to Sociology (G-5)	03
POL-114	Introduction to Political Science (G-1)	03	HIS-214	Introduction to History (G-6)	03
ECO-US	Introduction to Economics (G-2)	03	IR-215	Approaches & Theories of International Relations (F-3)	03
IR-116	Introduction to International Relations (F-1)	03	IR-216	International Relations: 1648-1945 (F-4)	03
ISL-117	Quran Translation	NC	ISL-217	Quran Translation	NC
		<b>17.00</b>	<b>TOTAL</b>		<b>18.00</b>
<b>SEMESTER II</b>			<b>SEMESTER IV</b>		
ENG-121	English-II (C-4)	03	ENG/EDS-221	English-IV / Univ. Option / Everyday Science	03
ISL-122	Islamic Studies (C-5)	02	XXX-222	General - (G-7)	03
STAT-123	Introduction To Statistics (C-6)	03	IR-223	Globalization & International Relations (F-5)	03
MCM-124	Introduction to Mass Communication (G-3)	03	IR-224	International Relations Since 1945 (F-6)	03
GEO-125	Introduction to Geography (G-4)	03	IR-225	GEO Political Structure Of The World (F-7)	03
IR-126	Evolution of State (F-2)	03	IR-226	Public International Law-I (F-8)	03
ISL-127	Quran Translation	01	ISL-227	Quran Translation	01
	<b>TOTAL</b>	<b>18.00</b>	<b>TOTAL</b>		<b>19.00</b>

**UNIVERSITY OF CHAKWAL**

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER V</b>			<b>SEMESTER VII</b>		
IR-311	Foreign Policy Analysis (M-I)	03	IR-411	Comparative Foreign Policies of US, Russia and China (M-9)	03
IR-312	Introduction to International Security (F-9)	03	IR-412	Nuclear Studies (M-10) OR	03
IR-313	Research Methodology (F-10)	03	IR-413	Regional Connectivity & CPEC (M-10)	
IR-314	Regional and International Organizations (F-10)	03	IR-414	Elective-I	03
IR-315	Public International Law-II (F-12)	03	IR-415	Elective-II	03
IR-316	International Political Economy (M-2)	03	IR-416	Research Thesis (M-11) OR	03
ISL-317	Quran Translation	NC		International Politics of Environment (M-11)	
	<b>TOTAL</b>	<b>18.00</b>	ISL-417	Quran Translation	NC
<b>SEMESTER VI</b>				<b>TOTAL</b>	<b>15.00</b>
IR-321	Foreign Policy of Pakistan (M-3)	03	<b>SEMESTER VIII</b>		
IR-322	Strategic Studies (M-4)	03	IR-421	Research Thesis <b>OR</b> Research Report	03
IR-323	International Politics of Human Rights (M-5)	03		OR Govt. & Politics Of Pakistan (M-12)	
IR-324	Diplomacy (M-6)	03	IR-422	Arms Control, Disarmament &	03
IR-325	Conflict Management & Resolution (M-7)	03	IR-423	Nuclear Non-proliferation (M-13)	
IR-326	Comparative Politics (M-8)	03	IR-424	Dynamics Of Kashmir Conflict (M-14)	03
ISL-327	Quran Translation	01		<b>OR</b> Peace Studies (M-14)	
	<b>TOTAL</b>	<b>19.00</b>	IR-425	Elective-III	03
<b>SEMESTER VII</b>			IR-426	Elective-IV	03
<b>SEMESTER VIII</b>			ISL-426	Quran Translation	01
<b>SEMESTER VIII</b>				<b>TOTAL</b>	<b>16.00</b>
<b>SEMESTER VIII</b>				<b>GRAND TOTAL</b>	<b>140.00</b>

Department of  
**ISLAMIC STUDIES**

F A C U L T Y



**Dr Hafiz Muhammad Ishaq**  
Assistant Professor

BS  
ISLAMIC  
STUDIES (4-YEARS/8 SEMESTERS)

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER I</b>			<b>SEMESTER III</b>		
ISL-111	Islamic Studies / Ethics(comp)	02	ISL-211I	Ulum -al- Quran	03
	Introduction to the topics of		SL-212	History & Compilation of Hadith	03
ISL-112	Holy Quran	03	ENG-211	English-III	03
ISL-113	Arabic Language I	03	IT-101	Introduction to Computer	03
ECO-101	Economic I	03	LLB-115	Introduction to Law	03
SOC-111	Sociology I	03	MCM-101	Mass Communication	03
ENG-111	English I	03	<b>TOTAL</b>		<b>18.00</b>
	<b>TOTAL</b>	<b>17.00</b>			
<b>SEMESTER II</b>			<b>SEMESTER IV</b>		
ISL-122	Translation of Holy Quran	01	ISL-224	Translation of Holy Quran	01
Pk-112	Pakistan Studies	02	ISL-221	Ulum -al-Hadith	03
MATH-121	Mathematics	03	ISL-222	Arabic Language III	03
ISL-121	Arabic Language II	03	ISL-223	Usool-e-Fiqh	03
ECO-210	Economic II	03	IT-102	Fundamentals of Information Systems (FIS)	03
SOC-121	Sociology II	03	URDU-324	Urdu(Iqbaliat)	03
ENG-121	English-II	03	STAT-101	Intrduction to Statstcisc	03
	<b>TOTAL</b>	<b>18.00</b>	<b>TOTAL</b>		<b>19.00</b>

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER V</b>			<b>SEMESTER VII</b>		
ISL-310	Study of Sirah of Holy Prophet (PBUH)	03	ISL-411	Textual Study of Quran III	02
ISL-311	Textual Study of al-Quran-I	03	ISL-412	Methodology of Research in Islamic Studies	03
ISL-312	Textual Study of Hadith-I	03	ISL-413	Objectives of Shariah	03
ISL-313	History of Tafsir and its Principles	03	ISL-414	Study of Selected Commentaries of Hadith	03
ISL-314	History of Fiqh	03	ISL-415	Study of Islamic Fiqh I ( الجنایات )	03
ISL-316	Arabic Through Quranic Text	03	ISL-416	Cultural History of Islam	03
	<b>TOTAL</b>	<b>18.00</b>		<b>TOTAL</b>	<b>17.00</b>
<b>SEMESTER VI</b>			<b>SEMESTER VIII</b>		
ISL-326	Translation of Holy Quran	01	ISL-428	Translation of Holy Quran	01
ISL-321	Textual Study of al-Quran-II	03	ISL-421	Al- Dawah wal Irshad	03
ISL-322	Textual Study of Hadith-II	03	ISL-422	Study of Islamic Fiqh II ( الجنایات )	03
ISL-323	Textual Study of Muslim Family Laws	03	ISL-423	Philosophy and 'Ilm al-Kalam	03
ISL-324	Introduction to World Religions	03	ISL-424	Islamic Morals	03
ISL-325	Ethics of Disagreement in Islam	03	ISL-425	Islamic Economics	03
ISL-327	Islam & Science	03	ISL-430	Thesis/Research Project (Optional)	06
	<b>TOTAL</b>	<b>19.00</b>		<b>TOTAL</b>	<b>16.00</b>

**Mr. Muhammad Masood**  
Assistant Professor



**Ms. Aimen Mahmood Butt**  
Lecturer



**Mr. Nasir Mehmood Khan**  
Lecturer



CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER I</b>			<b>SEMESTER III</b>		
ENG-111	English-i	03	ENG-211	English-III	03
PAK-112	Pakistan Studies	02	CS-212	Introduction To Computer	03
MATH-115	Mathematics	03	LAW-213	Introduction To Law (g-v)	03
SOC-113	Social Works (g-i)	03	PSY-214	Introduction To Psychology (g-vi)	03
POL-116	Intro To Political Science (g-ii)	03	SOC-211	Foundation-iii Sociological Theories	03
SOC-111	Foundation-i Introduction To Sociology-i	03	ISI-210	The Holy Quran With Translation	01
ISI-110	The Holy Quran With Translation	01	<b>TOTAL</b>		<b>16.00</b>
<b>TOTAL</b>		<b>18.00</b>			
<b>SEMESTER II</b>			<b>SEMESTER IV</b>		
ENG-121	English-II	03	SOC-224	INTERNSHIP *	03
ISL-122	Islamic Studies / Ethics	02		ENGLISH-IV / UNIV. OPTIONAL	03
STAT-123	Social Statistics	03		GENERAL-VII	03
ECO-124	Introduction To Economics (g-III)	03	SOC-225	Foundation-iv INTRODUCTION TO	03
IR-124	Introduction to International Relations (G-IV)	03		SOCIAL RESEARCH	
SOC-121	Foundation-II	03	SOC-222	FOUNDATION-V PAKISTANI	03
	Introduction To Sociology			SOCIETY AND CULTURE	
<b>TOTAL</b>		<b>18.00</b>	SOC-223	FOUNDATION-VI GENDER STUDIES	03
			<b>TOTAL</b>		<b>18.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER V</b>		
SOC-312	Foundation-VII Social Psychology	03
SOC-311	Foundation-VIII Quantitative Research Methodology	03
SOC-313	Major-I Sociology Of Development	03
SOC-315	Major-II Criminology	03
SOC-314	Major-III Community Development	03
ISI-310	The Holy Quran With Translation	01
<b>TOTAL</b>		<b>16.00</b>

<b>SEMESTER VI</b>		
SOC-321	Foundation-IX Qualitative Research Methodology	03
SOC-322	Foundation-X Social Anthropology	03
SOC-323	Major-IV Population Studies	03
SOC-324	Major-V Rural Sociology	03
SOC-325	Major-VI Urban Sociology	03
ISI-122	The Holy Quran With Translation	01
<b>TOTAL</b>		<b>16.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER VII</b>		
SOC-411	Major-VII Sociology Of Health	03
SOC-413	Major-VIII Comparative Social Institutions	03
SOC-412	Major-VIII Sociology Of Education	03
SOC-414	Elective-I Organizational Behaviour And Hrdel	03
SOC-415	Elective-II Sociology Of Family Marriage	03
<b>TOTAL</b>		<b>15.00</b>

<b>SEMESTER VIII</b>		
SOC-421	Major-XI Sociology Of Social Change And Development	03
SOC-422	Major-XII Sociology Of Religion	03
SOC-423	Major-XII Sociology Of Globalization	03
SOC-424	Elective-III Industrial Sociology	03
SOC-426	Elective-IV Clinical Sociology	03
SOC-427	Research Thesis	06
ISI-122	The Holy Quran With Translation	01
<b>TOTAL</b>		<b>22.00</b>

**GRAND Total** 137.00

**UNIVERSITY OF CHAKWAL**

**Note:**

\*The Internship (SOC-224) and It's Report Maybe Completed and Submitted In Summer Semester Between Fourth And Sixth Semester.

F A C U L T Y



**Dr. Ghulam Fareed**  
Assistant Professor



**Dr. Arshad Mehmood**  
Chairperson, Assistant Professor



**Dr. Jamshaid Ali**  
Lecturer

CODE	COURSE	C/Hr.
<b>SEMESTER I</b>		
ENG-III	انگلش-I	03
CSI-112	کمپیوٹر-I	03
HIS-114	مسلم تہذیب وثقافت کا ارتقا	03
SOC-113	عمرانیات (سوشیالوجی)	03
URDU-111	شعری اصناف: تعارف و تفہیم	03
URDU-112	اردو زبان - قواعد و انشا	03
TOTAL		18.00

CODE	COURSE	C/Hr.
<b>SEMESTER II</b>		
ENG-121	انگلش-II	03
CSI-212	کمپیوٹر-II	03
ECO-125	معاشیات (اکنامکس)	03
ENV-	ماحولیات (انوائرنمنٹ)	03
URDU-121	نثری اصناف: تعارف و تفہیم	03
URDU-122	لغت اور لغت نویسی	03
ISL-122	ترجمہ قرآن	01
TOTAL		19.00

CODE	COURSE	C/Hr.
<b>SEMESTER III</b>		
ENG-221	انگلش-III	03
MATH-111	ریاضی	03
PST-222	مطالعہ پاکستان	02
PSY-211	نفسیات (سائیکالوجی)	03
ARB-211	عربی	03
URDU-211	اردو زبان: تشکیل و ارتقا	03
TOTAL		17.00

CODE	COURSE	C/Hr.
<b>SEMESTER IV</b>		
STAT-	شماریات	03
ISL-122	اسلامیات	02
GEO-111	جغرافیہ	03
PUNJ-123U	پنجابی	03
RDU-221	ادبی اصطلاحات	03
URDU-222	علم بیان و بدیع اور عروض	03
ISL-224	ترجمہ قرآن	01
TOTAL		18.00

F A C U L T Y



**Mr. Gulam Muhayyudin**  
Lecturer



**Mr. Sajid Iqbal**  
Lecturer



**Mr. Azmat Shehzad**  
Lecturer

CODE COURSE C/Hr.

**SEMESTER V**

URDU-311	تاریخ ادبِ اردو (۱۸۵۷ء تک)	03
URDU-312	اردو شاعری کلاسیکی عہد میں	03
URDU-313	اردو داستان اور ناول: فکری و فنی مباحث	03
URDU-314	اردو نثر کے اسالیب	03
URDU-315	اردو ادب میں مزاح نگاری	03
URDU-316	مشرقی تنقید: روایت اور افکار	03
<b>TOTAL</b>		<b>18.00</b>

**SEMESTER VI**

URDU-321	ڈرامہ و افسانہ: فکری اور فنی مطالعہ	03
URDU-322	جدید اردو نظم: فکری و فنی مطالعہ	03
URDU-323	مغربی شعریات	03
URDU-324	اقبال کا خصوصی مطالعہ-I	03
URDU-325	اردو ادب کی تحریکیں	03
ISL-326	ترجمہ قرآن	01
<b>TOTAL</b>		<b>16.00</b>

CODE COURSE C/Hr.

**SEMESTER VII**

URDU-411	اصول ترجمہ، فن اور روایت	03
URDU-412	اصول تحقیق و تدوین	03
URDU-413	جدید اردو غزل: فکری و فنی مطالعہ	03
URDU-414	اقبال کا خصوصی مطالعہ-II	03
URDU-415	اختیاری I	03
URDU-416	اختیاری II	03
<b>TOTAL</b>		<b>18.00</b>

**SEMESTER VIII**

URDU-421	اردو فکشن میں تاریخی و تہذیبی شعور	03
URDU-500	تحقیقی مقالہ (یا)	06
URDU-422	فروغ اردو کے اہم ادارے	03
URDU-423	غالب کی تخلیقی و فکری جہات	03
URDU-424	اختیاری I	03
URDU-425	اختیاری II	03
ISL-428	ترجمہ قرآن	01
<b>TOTAL</b>		<b>22.00</b>

CODE	COURSE
URDU-415	سر سید کی فکری جہات
URDU-416	اردو لسانیات
URDU-417	ادب اور ابلاغیات
URDU-418	ادب اور سماجی علوم
URDU-424	اردو ڈراما: روایت و ارتقا
URDU-425	اردو ادب کا مابعد نوآبادیاتی مطالعہ
URDU-426	پاکستانی زبانوں کا ادب
URDU-427	اردو بطور دفتری زبان
URDU-428	اردو ادب کا تانیٹی مطالعہ
URDU-429	معاصر شعری ادب
URDU-430	معاصر نثری ادب





# FACULTY OF LAW





**Dr. Shumaila Mir**  
Chairperson, Assistant Professor



**Mr. Muhammad Junaid Ilyas**  
Lecturer



**Ms. Asmara Farzand**  
Lecturer

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER I</b>			<b>SEMESTER III</b>		
LLB 111	English-I	03	LLB 211	English-III	03
LLB 112	Pakistan Studies	02	LLB 212	Introduction to Logic and Reasoning	03
LLB 113	Introduction to Sociology	03	LLB 213	Islamic Jurisprudence-I	03
LLB 114	Fundamentals of Economics	03	LLB 214	Law of Torts-II	03
LLB 115	Introduction to Law	03	LLB 215	Law of Contract-I	03
LLB 116	Skills Development	03	LLB 216	Constitutional Law-I (UK)	03
	<b>TOTAL</b>	<b>17.00</b>		<b>TOTAL</b>	<b>18.00</b>
<b>SEMESTER II</b>			<b>SEMESTER IV</b>		
LLB 121	English –II	03	LLB 221	Human Rights Law	03
LLB 122	Islamic Studies/Ethics	02	LLB 222	Constitutional Law-II (US)	03
LLB 123	Principles Of Political Science	03	LLB 223	Law Of Contract-II	03
LLB 124	Legal System Of Pakistan	03	LLB 224	Islamic Jurisprudence –II	03
LLB 125	History (south Asia)	03	LLB 225	Introduction To Psychology	03
LLB 126	Law Of Torts- I	03		<b>TOTAL</b>	<b>15.00</b>
	<b>TOTAL</b>	<b>17.00</b>			

CODE	COURSE	C/Hr.
<b>SEMESTER V</b>		
LAW-311	Jurisprudence-I	03
LAW-312	Constitutional Law-III (Pakistan)	03
LAW-313	Islamic Personal Law-I	03
LAW-314	Criminal Law-I	03
LAW-315	Law of Property	03
	<b>TOTAL</b>	<b>15.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER VI</b>		
LAW-321	Jurisprudence-II	03
LAW-322	Law of Business Organizations	03
LAW-323	Islamic Personal Law-II	03
LAW-324	Criminal Law-II	03
LAW-325	Land Laws	03
	<b>TOTAL</b>	<b>15.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER VII</b>		
LAW-411	Public International Law – I	03
LAW-412	Constitutional Developments in Pakistan	03
LAW-413	Civil Procedure-I	03
LAW-414	Criminal Procedure-I	03
LAW-415	Law of Evidence-I	03
LAW-416	Legal Drafting-I	03
	<b>TOTAL</b>	<b>18.00</b>

CODE	COURSE	C/Hr.
<b>SEMESTER VIII</b>		
LAW-421	Public International Law-II	03
LAW-422	Equity and Specific Relief	03
LAW-423	Civil Procedure-II	03
LAW-425	Criminal Procedure-II	03
LAW-425	Law of Evidence-II	03
LAW-426	Legal Drafting-II	03
	<b>TOTAL</b>	<b>18.00</b>

CODE	COURSE	C/Hr.
<b>INTERNSHIP</b>		
	After completion of 8th semester and before 10th semester (During Summer Vacations)	03
<b>SEMESTER IX</b>		
LAW-511	Research Methods	03
LAW-512	Minor Acts	03
LAW-513	Elective-I	03
LAW-514	Elective-II	03
LAW-515	Moot Cases and Professional Ethics	03
	<b>TOTAL</b>	<b>15.00</b>
<b>SEMESTER X</b>		
LAW-521	Administrative Law	03
LAW-522	Interpretation of Statutes & Legislative Drafting	03
LAW-523	Research Project	03
LAW-524	Elective-III	03
LAW-525	Elective-IV	03
	<b>TOTAL</b>	<b>15.00</b>
	<b>Grand Total</b>	<b>166.00</b>

2026 - 27

# FACULTY OF MEDICINE & ALLIED HEALTH SCIENCES



Department of

# HUMAN NUTRITION & DIETETICS

F A C U L T Y

**Dr. Sajeela Akram**

Chairperson Assistant Professor

**Dr. Iqra Yasmin**

Assistant Professor

**Ms. Amna Saleem**

Lecturer

**Ms. Nuzhat Khalid**

Lecturer

BS HND (4-YEARS/8 SEMESTERS)

CODE	COURSE	Theory	Lab	CODE	COURSE	Theory	Lab
<b>SEMESTER I</b>				<b>SEMESTER III</b>			
HND-111	Fundamental of Human Nutrition	3	0	HND-211	Micro-nutrients in Human Nutrition	3	0
FST-112	Essentials of Food Science & Technology	2	1	PHYSIO-122	Human Physiology-II	2	1
BIO/	Mathematics OR	3	0	ENG-122	English-III	3	0
MTH-113	Essential Biology	2	1	PBG/ABG-124	Introduction to Molecular Genetics	2	1
ENG-114	English-I	3	0	FST-125	Food Microbiology	2	1
BIOCHEM115	Introductory Biochemistry	2	1	FST-126	Food Safety & Quality Management	2	0
PAK-116	Pakistan Studies	2	0	<b>TOTAL</b>		<b>17.00</b>	
<b>TOTAL</b>		<b>20.00</b>					
<b>SEMESTER II</b>				<b>SEMESTER IV</b>			
HND-121	Macro-nutrients in Human Nutrition	3	0	STAT-221	Bio-Statistics	2	1
ENG-122	English-II	3	0	CS-222	Computer Science & Information Technology	2	1
SSH-123	Islamic Studies/Ethics	2	0	HND-223	Assessment of Nutritional Status	2	1
ANATOMY124	Human Anatomy	3	1	HND-224	Nutrition Through the Life Cycle	3	0
PHYSIO-125	Human Physiology-I	2	1	PATH-225	General Pathology	2	1
SOC-126	Fundamentals of Sociology	2	0	FST-226	Food Analysis	1	2
<b>TOTAL</b>		<b>16.00</b>		<b>TOTAL</b>		<b>18.00</b>	

UNIVERSITY OF CHAKWAL

Department of  
**HUMAN NUTRITION  
 & DIETETICS**

BS HND (4-YEARS/8 SEMESTERS)

CODE	COURSE	Theory	Lab
<b>SEMESTER V</b>			
HND-311	Dietetics - I	2	1
HND-312	Nutrition and Psychology	3	0
HND-313	Nutritional Education and Awareness	2	1
HND-314	Meal Planning and Management	2	1
HND-315	Public Health Nutrition	2	1
FST-316	Food and Drugs Law	2	0
<b>TOTAL</b>		<b>17.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER VI</b>			
HND-321	Dietetics - II	2	1
HND-322	Functional Foods and Nutraceuticals	3	0
HND-323	Nutrition Through Social Protection	2	0
HND-324	Sports Nutrition	2	1
HND-325	Infant and Young Child Feeding	2	1
BIOCHEM326	Clinical Biochemistry	2	1
<b>TOTAL</b>		<b>17.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER VII</b>			
HND-411	Dietetics - III	2	1
HND-12	Global Food Issues	3	0
HND-413	Research Methods in Nutrition	3	0
HND-414	Nutritional Practice in Clinical Care	2	1
		<b>12.00</b>	
<b>Elective Course (2 Courses equal to 5 Credit Hours)</b>			
Elective	Nutritional Immunology	3	0
Elective	Drugs-Nutrient Interactions	2	0
Elective	Food Chemistry	2	0
Elective	Preventive Nutrition	3	0
Elective	Nutrition in Emergencies	3	0
		<b>13.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER VIII</b>			
HND-421	Internship/Project	0	6
HND-422	Nutrition Policies and Programs	3	0
HND-423	Food Service Management	3	0
		<b>12.00</b>	
<b>Elective Course (2 Courses equal to 5 Credit Hours)</b>			
Elective	Food Toxins & Allergens	3	0
Elective	Nutritional Deficiency Disorders	3	0
Elective	Food Supplements	2	0
Elective	Metabolism of Nutrients	2	0
Elective	Nutrition Epidemiology	2	0
		<b>12.00</b>	





2026 - 27



# FACULTY OF PHARMACY



## Scheme of Courses for Pharm.D. (Five-Year Course)

### 1<sup>st</sup> Professional Pharm.D

CODE	COURSE	Theory	Lab	CODE	COURSE	Theory	Lab
<b>SEMESTER I</b>				<b>SEMESTER II</b>			
ENG-300	English-A (functional English)	2	0	ENG 301	English-B (functional English)	4	0
PHARM-310	Pharmaceutics-IA (physical Pharmacy)	3	1	PHARM 315	Pharmaceutics-IB (physical Pharmacy)	3	1
PHARM-311	Pharmaceutical Chemistry-IA (organic)	3	1	PHARM 316	Pharmaceutical Chemistry-IB (organic)	3	1
PHARM-312	Pharmaceutical Chemistry-IIA (biochemistry)	3	1	PHARM 317	Pharmaceutical Chemistry-IIB (biochemistry)	3	1
PHARM-313	Physiology-A	3	1	PHARM 318	Physiology-B	3	1
PHARM-314	Anatomy & Histology	3	1	<b>Total</b>		<b>20.00</b>	
<b>Total</b>		<b>22.00</b>					

### 2<sup>nd</sup> Professional Pharm.D.

CODE	COURSE	Theory	Lab	CODE	COURSE	Theory	Lab
<b>SEMESTER I</b>				<b>SEMESTER II</b>			
IS-402	Islamic Studies	3	0	PS-403	Islamic Studies	2	0
PHARM-410	Pharmaceutics-IIIA (Dosage Form Science)	3	1	PHARM-415	Pharmaceutics-IIB (Dosage Form Science)	3	1
PHARM-411	Pharmaceutics-IIA (Pharmaceutical Microbiology & Immunology)	3	1	PHARM-416	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology)	3	1
PHARM-412	Pharmacology and Therapeutics-IA	3	1	PHARM-418	Pharmacology and Therapeutics-IB	3	1
PHARM-413	Pharmacognosy-IA (Basic)	3	1	PHARM-419	Pharmacognosy-IB (Basic)	3	0
PHARM-414	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3	0	<b>TOTAL</b>		<b>21.00</b>	
<b>TOTAL</b>		<b>22.00</b>					

**Dr. Muhammad Imran**  
Assistant Professor



**Dr. Waleed Shakeel**  
Lecturer



**Dr. Urfa Nasir Ch.**  
Lecturer



### 3<sup>rd</sup> Professional Pharm.D.

CODE	COURSE	Theory	Lab	CODE	COURSE	Theory	Lab
<b>SEMESTER I</b>				<b>SEMESTER II</b>			
PHARM-510	Pharmacy Practice-IIA (Dispensing Pharmacy)	3	1	PHARM-515	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy)	3	0
PHARM-511	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis)	3	1	PHARM-516	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	3	1
PHARM-512	Pharmacology and Therapeutics-IIA	3		PHARM-517	Pharmacology and Therapeutics-IIB	3	1
PHARM-513	Pharmacognosy-IIA (Advanced)	3	1	PHARM-518	Pharmacognosy-IIB (Advanced)	3	1
PHARM-514	Pathology	3	1	PHARM-519	Pharmacy Practice-III (Computer and its Applications in Pharmacy)	3	1
<b>Total</b>		<b>20.00</b>		<b>Total</b>		<b>19.00</b>	

### 4<sup>th</sup> Professional Pharm.D.

<b>SEMESTER I</b>				<b>SEMESTER II</b>			
PHARM-610	Pharmacy Practice-IVA (Hospital Pharmacy)	3	0	PHARM-615	Pharmacy Practice-IVB (Hospital Pharmacy)	2	0
PHARM-611	Pharmacy Practice-VA (Clinical Pharmacy)	3	1	PHARM-616	Pharmacy Practice-VB (Clinical Pharmacy)	3	1
PHARM-612	Pharmaceutics-IVA (Industrial Pharmacy)	3	1	PHARM-617	Pharmaceutics-IVB (Industrial Pharmacy)	3	1
PHARM-613	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics)	3	1	PHARM-617	Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics)	3	1
PHARM-614	Pharmaceutics-VIA (Pharmaceutical Quality Management)	3	1	PHARM-618	Pharmaceutics-VIB (Pharmaceutical Quality Management)	3	0
<b>TOTAL</b>		<b>19.00</b>		<b>TOTAL</b>		<b>21.00</b>	

### 5<sup>th</sup> (Final) Professional Pharm. D.

CODE	COURSE	Theory	Lab	CODE	COURSE	Theory	Lab
<b>SEMESTER I</b>				<b>SEMESTER II</b>			
PHARM-710	Pharmaceutics-VIIA (Pharmaceutical Technology)	3	1	PHARM-715	Pharmaceutics-VIIB (Pharmaceutical Technology)	3	0
PHARM-711	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	3	1	PHARM-716	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)	3	1
PHARM-712	Pharmacy Practice-VIIA (Forensic Pharmacy)	3		PHARM-717	Pharmacy Practice-VIIB (Forensic Pharmacy)	3	1
PHARM-713	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing)	3		PHARM-718	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing)	3	1
PHARM-714	Pharmaceutical Chemistry-IVA (Medicinal Chemistry)	3	1	PHARM-719	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)		<b>19.00</b>
<b>Total</b>		<b>18.00</b>		<b>Total</b>			

### Pharm.D. Five-Year Credit Hours Summary:

Pharm.D.	1st Semester	2nd Semester	Total
Professional	Cr. Hr.	Cr. Hr.	Cr. Hr.
1 <sup>st</sup>	22	20	42
2 <sup>nd</sup>	22	21	43
3 <sup>rd</sup>	20	19	39
4 <sup>th</sup>	19	19	38
5 <sup>th</sup> (Final)	18	18	36
<b>Total Credit Hours</b>	<b>101</b>	<b>97</b>	<b>198</b>

2026 -27



# FACULTY OF SCIENCES





**Dr. Muhammad Iqbal**  
Chairperson, Assistant Professor



**Dr. Huma Qureshi**  
Assistant Professor

CODE	COURSE	Theory Lab	
<b>SEMESTER I</b>			
ENG-111	English-I (Grammar)	03	00
PKS-112	Pakistan Studies	03	00
CS-111	Introduction to Information & Communication Technology	02	01
ZOL-111	Animal Diversity-I (Invertebrates)	03	00
CHEM-116	Inorganic Chemistry	03	00
BOT-116	Diversity of Plants & Related Life	03	01
ISL-110	Translation of Holy Quran-I/Ethics	01	00
<b>TOTAL</b>		<b>18.00</b>	

CODE	COURSE	Theory Lab	
<b>SEMESTER II</b>			
ENG-121	English-II (Communication Skills)	03	00
ISL-111	Islamic Studies / Ethics	02	00
SOC-401	Introduction to Sociology***	03	00
ZOL-122	Animal Diversity-II (Vertebrates)	03	00
CHEM-126	Organic Chemistry	03	00
BOT-126	Plant Systematics, Anatomy & Development	03	01
ISL-122	Translation of Holy Quran-II/Ethics	00	01
<b>TOTAL</b>		<b>19.00</b>	

CODE	COURSE	Theory Lab	
<b>SEMESTER III</b>			
ENG-211	English-III (Introduction to Literature)	03	00
MATH-111	Mathematics	03	00
ZOL-211	Animal Form & Function-I	03	00
CHEM-217	Physical Chemistry	03	00
BOT-215	Cell Biology, Genetics & Evolution	03	01
ISL-213	Translation of Holy Quran-III/Ethics	00	00
<b>TOTAL</b>		<b>16.00</b>	

CODE	COURSE	Theory Lab	
<b>SEMESTER IV</b>			
BST-221	Biostatistics	02	01
ZOL-222	Animal Form & Function-II	03	00
BOT-224	Plant Physiology & Ecology	03	01
BOT-226	Biodiversity & Conservation	03	01
BOT-228	Applied Botany	03	00
ISL-224	Translation of Holy Quran-IV/Ethics	00	01
<b>TOTAL</b>		<b>18.00</b>	

CODE	COURSE	Theory Lab	
<b>SEMESTER V</b>			
BOT-311	Bacteriology & Virology	02	01
BOT-312	Diversity of Vascular Plants	02	01
BOT-313	Phycology & Bryology	02	01
BOT-314	Mycology & Plant Pathology	02	01
BOT-315	Plant Systematics	02	01
BOT-316	Diversity in Protoctista	02	01
ISL-315	Translation of Holy Quran-V/Ethics	00	00
<b>TOTAL</b>		<b>18.00</b>	

CODE	COURSE	Theory Lab	
<b>SEMESTER VI</b>			
BOT-321	Plant Anatomy	02	01
BOT-322	Plant Ecology-I	02	01
BOT-323	Genetics-I	02	01
BOT-324	Plant Biochemistry-I	02	01
BOT-325	Plant Physiology-I	02	01
ISL-326	Translation of Holy Quran-VI/Ethics	00	01
<b>TOTAL</b>		<b>16.00</b>	

CODE	COURSE	Theory Lab	
<b>SEMESTER VII</b>			
BOT-411	Molecular Biology	02	01
BOT-412	Plant Biochemistry-II	02	01
BOT-413	Plant Ecology-II	02	01
BOT-xxx	Elective-I	00	03
BOT-xxx	Elective-II	02	01
ISL-417	Translation of Holy Quran-VII/Ethics	00	00
<b>TOTAL</b>		<b>15.00</b>	

CODE	COURSE	Theory Lab	
<b>SEMESTER VIII</b>			
BOT-421	Genetics-II	02	01
BOT-422	Environmental Biology	02	01
BOT-423	Plant Physiology-II	02	01
BOT-xxx	Elective-III	00	03
BOT-xxx	Elective-IV	02	01
ISL-428	Translation of Holy Quran-VIII/Ethics	00	01
<b>TOTAL</b>		<b>16.00</b>	

**LIST OF ELECTIVE COURSES**

CODE	COURSE	C/Hr.	Lab
	Fundamentals of Tissue Culture	02	01
	Applied Ethnobotany	02	01
	Horticulture & Landscaping	02	01
	Allelopathy	02	01
	Forensic Botany	02	01
	Industrial Botany	02	01
	Research Planning & Report Writing	02	01
	Plant Stress Physiology	02	01
	Seed Production Technology	02	01
	Plant Biotechnology	02	01
	Seed Pathology	02	01
	Fundamentals of Bioinformatics	02	01
	Biodegradation and Remediation	02	01
	Palynology	02	01
	Nitrogen Assimilation and Metabolism	02	01
	Phytosociology	02	01
	Pharmacology and Pharmacognosy	02	01
	Phytogeography	02	01

**Notes:**

1. All the above-mentioned elective courses offered by the department in a semester can be changed depending up on the availability of teachers and related lab facilities and it will be notified before the start of relevant semester.

**Dr. Muhammad Imran**  
Assistant Professor



CODE	COURSE	Theory	Lab
<b>SEMESTER I</b>			
ENG-101	English-I (Grammar)	03	00
PHYS-114	Elementary Mechanics	03	00
ZOL-111	Animal Diversity-I (Invertebrates )	03	00
CS-111	Introduction to Computer Application	03	00
ISL-111	Islamic studies/Ethics	02	00
CHEM-115	Inorganic Chemistry-I	03	01
	<b>TOTAL</b>	<b>18.00</b>	

**SEMESTER II**

ENG-121	English-II (Communication Skills)	03	00
PHYS-214	Elementary Thermodynamics	03	00
ZOL-122	Animal Diversity-II (Vertebrates )	03	00
MATH-121	Mathematics-I	03	00
PKS-112	Pakistan Studies	02	00
CHEM-126	Organic chemistry-I	03	00
ISL-122	Translation of Quran/Ethics	01	01
	<b>TOTAL</b>	<b>19.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER III</b>			
ENG-211	English-III (Introduction to Literature)	03	00
CHEM-214	Environmental Chemistry	03	00
BOT-116	Diversity of Plants and Related Life	03	00
MATH-211	Mathematics II	03	00
CHEM-212	Industrial Chemistry	03	00
CHEM-217	Physical Chemistry-I	03	01
	<b>TOTAL</b>	<b>19.00</b>	

**SEMESTER IV**

STAT-224	Introduction to Statistics	03	00
SOC-401	Introduction to Sociology	03	00
BOT-126	Plant Systematics, Anatomy and Development	03	00
CHEM-221	Analytical Chemistry-I	02	01
CHEM-223	Biochemistry-I	02	01
CHEM-222	Applied Chemistry-I	02	01
ISL-224	Translation of Quran/Ethics	01	00
	<b>TOTAL</b>	<b>19.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER V</b>			
CHEM-315	Inorganic Chemistry-II	02	01
CHEM-316	Organic Chemistry-II	02	01
CHEM-317	Physical Chemistry-II	02	01
CHEM-311	Analytical Chemistry-II	02	01
CHEM-318	Mathematics for Chemist	03	00
<b>TOTAL</b>		<b>15.00</b>	

### SEMESTER VI

CHEM-325	Inorganic Chemistry-III	02	01
CHEM-326	Organic Chemistry-III	02	01
CHEM-327	Physical Chemistry-III	02	01
CHEM-322	Applied Chemistry-II	02	01
CHEM-323	Biochemistry-II	02	01
ISL-326	Translation of Quran/ethics	01	00
<b>TOTAL</b>		<b>16.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER VII</b> (Specialization in Analytical Chemistry)			
CHEM-411	Atomic Spectrophotometry	03	00
CHEM-412	Electroanalytical techniques	03	00
CHEM-413	Advance separation techniques	03	00
	Elective-I (other than field of specialization)	03	00
CHEM-417	Advanced Analytical	00	03
CHEM-499	Lab Research Thesis-I	00	03
<b>TOTAL</b>		<b>18.00</b>	

### SEMESTER VII

(Specialization in Applied Chemistry)			
CHEM-421	Common Industries-I	03	00
CHEM-422	Agro based industries and pollution control	03	00
CHEM-423	Common industries-II	03	00
	Elective-I (other than field of specialization)	03	00
CHEM-427	Advanced Applied Chemistry Lab	00	03
CHEM-499	Research Thesis-I	00	03
<b>TOTAL</b>		<b>18.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER VII</b> (Specialization in Biochemistry)			
CHEM-431	Biomedical Chemistry	03	00
CHEM-432	Nucleic Acid and protein synthesis	03	00
CHEM-433	Physical techniques in Biochemistry	03	00
	Elective-I (other than field of specialization)	03	00
CHEM-437	Advanced Bio Chemistry Lab	00	03
CHEM-499	Research Thesis-I	00	03
	<b>TOTAL</b>	<b>18.00</b>	

### SEMESTER VII

(Specialization in Inorganic Chemistry)

CHEM-451	Inorganic Reaction Mechanisms	03	00
CHEM-452	Acceptor Ligands and Polymers	03	00
CHEM-453	Symmetry and Magnetochemistry	03	00
	Elective-I (other than field of specialization)	03	00
CHEM-457	Advanced Inorganic Lab	00	03
CHEM-499	Research Thesis-I	00	03
	<b>TOTAL</b>	<b>18.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER VII</b> (Specialization in Organic Chemistry)			
CHEM-461	Heterocyclic and organometallics Compounds	03	00
CHEM-462	Reactive intermediates	03	00
CHEM-463	Organic spectroscopy	03	00
	Elective-I (other than field of specialization)	03	00
CHEM-467	Advanced Organic Chemistry Lab	00	03
CHEM-499	Research Thesis-I	00	03
	<b>TOTAL</b>	<b>18.00</b>	

### SEMESTER VII

(Specialization in Physical Chemistry)

CHEM-471	Electrochemistry and statistical Thermodynamics	03	00
CHEM-472	Polymer Chemistry	03	00
CHEM-473	Quantum chemistry and Molecular spectroscopy	03	00
	Elective-I (other than field of specialization)	03	00
CHEM-477	Advanced Physical Chemistry Lab	00	03
CHEM-499	Research Thesis-I	00	03
	<b>TOTAL</b>	<b>18.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER VIII</b> (Specialization in Analytical Chemistry)			
CHEM-414	Luminescence spectroscopy and Thermal Analysis	03	00
CHEM-415	Nuclear Analytical Techniques	03	00
CHEM-416	Food and Drug Analysis	03	00
	Elective-II (other than field of specialization)	03	00
CHEM-418	Advanced Analytical Chemistry Lab	00	03
CHEM-499	Research Thesis-II	00	03
ISL-428	Translation of Quran/ethics	01	00
	<b>TOTAL</b>	<b>19.00</b>	

**SEMESTER VIII**

(Specialization in Applied Chemistry)

CHEM-424	Organic Based Industries	03	00
CHEM-425	Industrial Process	03	00
CHEM-426	Metallurgy and Explosives	03	00
	Elective-II (other than field of specialization)	03	00
CHEM-428	Advanced Applied Chemistry Lab	00	03
CHEM-499	Research Thesis-II	00	03
ISL-428	Translation of Quran/ethics	01	00
	<b>TOTAL</b>	<b>19.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER VIII</b> (Specialization in Biochemistry)			
CHEM-434	Microbiology and Immunology	03	00
CHEM-435	Bio-nanotechnology	03	00
CHEM-436	Nutritional Chemistry	03	00
	Elective-II(other than field of specialization)	03	00
CHEM-438	Advanced Biochemistry Lab	00	03
CHEM-499	Research Thesis-II	00	03
ISL-428	Translation of Quran/ethics	01	00
	<b>TOTAL</b>	<b>19.00</b>	

**SEMESTER VIII**

(Specialization in Inorganic Chemistry)

CHEM-454	Organometallics	03	00
CHEM-455	Inorganic spectroscopy	03	00
CHEM-456	Radio and Nuclear Chemistry	03	00
	Elective-II(other than field of specialization)	03	00
CHEM-458	Advanced Inorganic Chemistry Lab	00	03
CHEM-499	Research Thesis-II	00	03
ISL-428	Translation of Quran/ethics	01	00
	<b>TOTAL</b>	<b>19.00</b>	

CODE	COURSE	Theory Lab	
<b>SEMESTER VIII</b>			
(Specialization in Organic Chemistry)			
CHEM-464	Natural Products	03	00
CHEM-465	Organic synthesis	03	00
CHEM-466	Medicinal Chemistry	03	00
	Elective-II(other than field of specialization)	03	00
CHEM-468	Advanced Organic Chemistry Lab	00	03
CHEM-499	Research Thesis-II	00	03
ISL-428	Translation of Quran/ethics	01	00
	<b>TOTAL</b>	<b>19.00</b>	

CODE	COURSE	Theory Lab	
<b>SEMESTER VIII</b>			
(Specialization in Physical Chemistry)			
CHEM-474	Reaction Dynamics	03	00
CHEM-475	Radiation and Photochemistry	03	00
CHEM-476	Colloid and Surface Chemistry	03	00
	Elective-II (other than field of specialization)	03	00
CHEM-478	Advanced Physical Chemistry Lab	00	03
CHEM-499	Research Thesis-II	00	03
ISL-428	Translation of Quran/ethics	01	00
	<b>TOTAL</b>	<b>19.00</b>	

- The research thesis will be offered over two semesters, and the report will be submitted for evaluation at the end of semester VIII.

**Note:**

- The department will offer the specialization courses can be changed depending on the availability of teachers and related lab facilities, and it will be notified before the start of the relevant semester.



**Dr. Tariq Mehmood**  
Professor

CODE	COURSE	Theory	Lab
<b>SEMESTER I</b>			
MATH-111	Calculus-I	03	00
MATH-112	Elements of Set Theory and Mathematical Logic	03	00
PHY-111	Physics-I	03	01
ENG-111	Grammar	03	00
PST-111	Pakistan Studies	03	00
CS-111	Introduction to Information and Communication Technologies	03	00
<b>TOTAL</b>		<b>19.00</b>	

**SEMESTER II**

MATH-121	Calculus-II	03	00
MATH-122	Statistics	03	00
PHY-121	Physics-II	03	01
ENG-121	Language Comprehension & Presentation Skills	03	00
ISL-121	Islamic Studies	02	00
MATH-123	Programming Languages for Mathematicians	02	01
<b>TOTAL</b>		<b>18.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER III</b>			
MATH-211	Calculus-III	03	00
MATH-212	Algebra-I	03	00
PHY-211	Physics-III	03	01
ENG-211	Academic Writing	03	00
MATH-213	Probability Theory	03	00
<b>TOTAL</b>		<b>16.00</b>	

**SEMESTER IV**

MATH-221	Vector Analysis & Mechanics	03	00
MATH-222	Linear Algebra	03	00
PHY-221	Physics-IV	03	01
MATH-223	Discrete Mathematics	03	00
MATH-224	Mathematical Economics	03	00
<b>TOTAL</b>		<b>16.00</b>	

**SEMESTER V**

MATH-311	Topology	03	00
MATH-312	Differential Geometry	03	00
MATH-313	Ordinary Differential Equations	03	00
MATH-314	Real Analysis-I	03	00
MATH-315	Algebra-II	03	00
<b>TOTAL</b>		<b>15.00</b>	

CODE	COURSE	Theory	Lab
<b>SEMESTER VI</b>			
MTH-321	Classical Mechanics	03	00
MTH-322	Mathematical Methods	03	00
MTH-323	Complex Analysis	03	00
MTH-324	Functional Analysis	03	00
MTH-325	Real Analysis-II	03	00
<b>TOTAL</b>		<b>15.00</b>	

**SEMESTER VII**

MATH-410	Numerical Analysis-I	03	00
MATH-411	Number Theory	03	00
MATH-412	Partial Differential Equations	03	00
MATH-41X	Elective-I*	03	00
MATH-41X	Elective-II*	03	00
<b>TOTAL</b>		<b>15.00</b>	

**SEMESTER VIII**

MATH-420	Numerical Analysis-II	03	00
MATH-421	Integral Equations	03	00
MATH-422	Partial Differential Equations	03	00
MATH-42X	Elective-III*	03	00
MATH-42X	Elective-IV**	03	00
<b>TOTAL</b>		<b>15.00</b>	

CODE	COURSE	Theory	Lab
<b>List A Concentration Elective Courses in Pure Mathematics</b>			
MATH-413	Advanced Group Theory-I	03	00
MATH-423	Advanced Group Theory-II	03	00
MATH-414	Modern Algebra-I	03	00
MATH-424	Modern Algebra-II	03	00
MATH-415	Advanced Functional Analysis	03	00
MATH-425	Theory of Modules	03	00
<b>TOTAL</b>		<b>18.00</b>	

**List B Concentration Elective Courses in Applied Mathematics**

MATH-416	Electromagnetism-I	03	00
MATH-426	Electromagnetism-II	03	00
MATH-417	Fluid Mechanics-I	03	00
MATH-427	Fluid Mechanics-II	03	00
MATH-418	Operations Research-I	03	00
MATH-428	Operations Research-II	03	00
MATH-419	Analytical Dynamics	03	00
MATH-429	Special Relativity	03	00
<b>TOTAL</b>		<b>24.00</b>	

**List C List of Free Elective Courses**

MATH-430	Numerical <small>Solution of Partial differential equations</small>	03	00
MATH-431	Elasticity Theory	03	00
MATH-432	History of Mathematics	03	00
MATH-433	Heat Transfer	03	00
MATH-434	Bio-Mathematics	03	00
MATH-435	Measure Theory S	03	00
MATH-436	Pecial Functions	03	00
MATH-437	Theory of Splines-I	03	00
MATH-438	Theory of Splines-II	03	00
MATH-439	Methods of Optimization-I	03	00
MATH-440	Methods of Optimization-II	03	00
<b>TOTAL</b>		<b>33.00</b>	

\* These four courses are optional and can be selected either from list A or B but cannot be mixed from both or any two courses can be selected from list C.

\*\* In lieu of dissertation a course can be selected from list C.

**Note**

These courses will be offered by the department from the lists of concentration elective courses and free elective courses as per availability of the resources.



**Mr. Ch. Azmat Ali**  
Chairperson



**Mr. Hamayun Bashir**  
Visiting Faculty, Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
<b>SEMESTER I</b>			<b>SEMESTER III</b>		
ENG-111	English-I Grammar	03	ENG-211	English-III(Literary Study)	03
MATH-111	Calculus -I	03	MATH-211	Linear Algebra	03
IT-101	Introduction to Computers	03	PHY-211	Waves & Oscillation	03
PHY-111	Mechanics	04	PHY-212	Modern Physics	03
ISL-111	Islamic Studies	02		Physical Chemistry	03
PHY-112	Mechanics & Fluid Lab-I	01	PHY-213	Heat Waves & Sound Lab-II	01
ISL-122	Translation of Holy Quran	00	ISL-224	Translation of Holy Quran	00
	Introduction to Political Science	03	<b>TOTAL</b>		<b>16.00</b>
<b>TOTAL</b>		<b>19.00</b>	<hr/>		
<b>SEMESTER II</b>			<b>SEMESTER IV</b>		
ENG-121	English-II	03	MATH-221	Differential Equations	03
MATH-121	Calculus-II	03	STAT-205	Probability & Statistics	03
PHY-121	Electricity & Magnetism	03	PHY-221	Optics	03
PHY-122	Heat & Thermodynamics	03		Inorganic Chemistry	03
PKS-112	Pakistan Studies	02		Fundamental of Information System	03
PHY-123	Electricity & Magnetism Lab-I	04	PHY-222	Optics-Lab IV	01
ISL-122	Translation of Holy Quran	01	ISL-224	Translation of Holy Quran	01
	Introduction to Sociology	03	<b>TOTAL</b>		<b>17.00</b>
<b>TOTAL</b>		<b>20.00</b>	<hr/>		

CODE	COURSE	C/Hr.
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**SEMESTER V**

PHY-311	Mathematical Methods of Physics-I	03
PHY-312	Electromagnetic Theory-I	03
PHY-313	Classical Mechanics	03
PHY-314	Electronics-I	03
PHY-315	Quantum Mechanics-I	03
PHY-316	Electronics lab-V	02
ISL-326	Translation of Holy Quran	00
<b>TOTAL</b>		<b>17.00</b>

**SEMESTER VI**

PHY-321	Mathematical Methods of Physics-II	03
PHY-322	Electromagnetic Theory-II	03
PHY-325	Solid State Physics-I	03
PHY-323	Electronics-II	03
PHY-324	Quantum Mechanics-II	03
PHY-326	Electronics lab-V	02
ISL-326	Translation of Holy Quran	01
<b>TOTAL</b>		<b>18.00</b>

CODE	COURSE	C/Hr.
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**SEMESTER VII**

PHY-411	Statistical Physics	03
PHY-412	Solid State Physics-II	03
PHY-413	Nuclear Physics	03
	Elective-I	03
	Elective-II	03
PHY-414	LAB-VI	03
	Translation of Holy Quran	00
<b>TOTAL</b>		<b>17.00</b>

**SEMESTER VIII**

PHY-421	Atomic & Molecular Physics	03
	Elective-III	03
	Elective-IV	03
	Elective-V	03
ISL-428	Translation of Holy Quran	01
<b>TOTAL</b>		<b>13.00</b>

## PHYSICS Elective Courses

<b>CODE</b>	<b>COURSE</b>	<b>Cr/Hr.</b>
PHY-415	Plasma Physics	03
PHY-416	Relativity & Cosmology	03
PHY-417	Methods of Experimental Physics	03
PHY-418	Environmental Physics	03
PHY-419	Digital Electronics	03
PHY-420	Electronic Material & Devices	03
PHY-422	Lasers	03
PHY-423	Laser Engineering	03
PHY-424	Introduction to Nanosciences and Nano Technology	03
PHY-425	Introduction to Material Sciences	03
PHY-426	Particle Physics-I	03
PHY-427	Computer simulations in Physics	03
PHY-428	Surface Sciences	03
PHY-429	Research Thesis	03



**Dr. Syeda Nadia Ahmad**  
Assistant Profesor



**Ms. Iqra Javed**  
Lecturer



**Mr. Bilal Mukhtar**  
Lecturer

CODE	COURSE	Theory Lab		CODE	COURSE	Theory Lab	
<b>SEMESTER I</b>				<b>SEMESTER III</b>			
ZOL-111	Animal Diversity-I (Invertebrate)	03	01	ZOL-211	Animal Form & Function-I	04	00
BOT-116	Diversity of Plants & Related Life	03	00	ZOL-212	Evolution	02	00
CHEM-116	Inorganic Chemistry-I	03	00	CHEM-217	Physical Chemistry-I	03	00
ENG-101	English-I/Grammar	03	00	SOC-111	Introduction to Sociology-I	03	00
PKS-112	Pakistan Studies	02	00		Science/Geography/Uni option***		
CS-111	Introduction to Information and Communication Technologies	02	01	BOT-224	Plant physiology & Ecology	03	00
				ENG-211	English-III/Introduction to literature	03	00
	<b>TOTAL</b>	<b>18.00</b>			<b>TOTAL</b>	<b>18.00</b>	
<b>SEMESTER II</b>				<b>SEMESTER IV</b>			
ZOL-122	Animal Diversity-II (Chordates)	03	01	ZOL-221	Biochemistry-I	03	00
ZOL-123	Cell Biology Plant	02	01	ZOL-222	Animal Form & Function-II	04	00
BOT-126	Systematics, Anatomy & Development	03	00	ZOL-223	Animal Behavior	03	00
CHEM-126	Organic Chemistry-I	03	00	MATH-111	Mathematics	03	00
ENG-121	English-II/Communication Skills	03	00	STAT-101	Introduction to Statistics	03	00
ISL-111	Islamic Studies/Ethics	02	00	ISL-224	Translation of Quran/Ethics	01	00
ISL-122	Translation of Quran/Ethics	01	00		<b>TOTAL</b>	<b>17.00</b>	
	<b>TOTAL</b>	<b>20.00</b>					

CODE	COURSE	Theory Lab		CODE	COURSE	Theory Lab	
<b>SEMESTER V</b>				<b>SEMESTER VII</b>			
ZOL-311	Economic Zoology	03	00	ZOL-411	Microbiology/Special Paper A1*/ Research/Internship Report/ Uni option	03	00
ZOL-312	Biochemistry-II	03	00	ZOL-412	Wildlife	03	00
ZOL-313	Biological Techniques	03	00	ZOL-413	Molecular Biology	03	00
ZOL-314	Ecology	03	00	ZOL-414	Fundamentals of Entomology (A2**)	03	00
ZOL-315	Physiology	04	00	ZOL-415	Endocrinology	03	00
	<b>TOTAL</b>	<b>16.00</b>			<b>TOTAL</b>	<b>15.00</b>	
<b>SEMESTER VI</b>				<b>SEMESTER VIII</b>			
ZOL-321	Principles of Systematics	03	00	ZOL-421	Zoogeography & Paleontology	03	00
ZOL-322	Research Methodology	03	00	ZOL-422	Bioinformatics	03	00
ZOL-323	Developmental Biology	04	00	ZOL-423	Ornithology/ Special Paper B1*/ Research/ Internship Report/ Uni option	03	00
ZOL-324	Genetics	04	00	ZOL-424	Mammalogy (B2**)	03	00
ISL-326	Translation of Quran/Ethics	01	00	ZOL-425	Ichthyology	03	00
	<b>TOTAL</b>	<b>15.00</b>		ISL-428	Translation of Quran/Ethics	01	00
					<b>TOTAL</b>	<b>16.00</b>	

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# RULES AND REGULATIONS

**1. ACADEMIC RULES AND REGULATIONS**

The following regulations govern the Semester System of teaching and examination for the Undergraduate degrees awarded by University of Chakwal.

**1.1. Fall/Spring Semester**

- i There will be two regular semesters (fall, spring) in an academic year. Fall/Spring semesters will spread over 16-18 weeks (inclusive of 1–2 weeks for exams). Summer Semester will be of 8–9 weeks of concentrated study for completing remedial course work.
- ii. The University may enroll students (if they fulfill their admission criteria) for Fall/Spring semester or for any single course and issue transcript with letter grades at the end of the semester. Depending on the availability of staff and necessary facilities, the University can offer a summer session. Students can enroll maximum of 3 Theory courses or 2 Theory courses and 1 lab course during summer sessions.
- iii. Foreign students under student exchange program will be enrolled for any semester or for any single course and the University will issue transcript with letter grades at the end of the semester. Admission offer letter of the foreign student will be forwarded to HEC for issuance of NOC.

**1.2. Summer Semester**

- i. Summer semester will be offered as an optional semester of 08-09 weeks duration. Students will be offered courses to remove deficiencies and can enroll in up to a maximum of 09 credit hours during summer.
- ii. Moreover, a student who has either failed or has been stopped to take the examination due to shortage of class attendance or wishes to improve his/her grade is allowed to register in summer.
- iii. A student will only be allowed to register in 2-3 courses of upto 09 credit hours for remedial work.
- iv. The contact hours per week during the Summer Semester will be doubled to ensure that the course is completely taught in a summer session with half of the duration as compared to a regular (Fall/Spring) semester.

**1.3. Undergraduate Students**

- i An undergraduate program of instruction generally includes a 15-18 credit hours course load including exams in a regular semester. The required course load for a full time undergraduate is minimum of 15 credit hours per semester.
- ii. In case any student wishes to enroll for one more course beyond 19 cr. Hours s/he may be allowed by the Dean concerned in either of the two cases;
  - a) If his/her CGPA is above 3.5 and
  - b) The student needs the course to graduate on time.

**1.4 Academic Calendar**

- i The University will publish an Undergraduate and Graduate catalogue including schedule of its whole academic year (including fall, spring semesters), Admission requirements, Academic Programs offered, key financial aid policies of the University and scholarship opportunities for the convenience of students and Faculty members. The calendar will include the following information:
  - a) Semester starting date.
  - b) Holidays during the semester.
  - c) Semester termination date.
  - d) Mid-Term exam week

- e) Final exam week.
  - f) Result notification and transcript issues dates. Each transcript will have course grades, semester Grade point average (GPA) and cumulative GPA (CGPA).
  - g) Controller of Examinations will be responsible for issuing the Notification of Result / Progress report / Transcripts (and degree supplement form on request) to students and their faculty advisors in a timely manner to facilitate enrollment for the next semester or graduation.
- ii. In case the University is closed due to unusual circumstances, then special makeup classes may be arranged converting weekends or holidays to working days to cover the lapsed period of the students.

#### **1.5. Enrollment/Registration in Courses**

- i. The University may assign an advisor to each student on admission. The advisor and the student together will develop a flexible comprehensive plan of study that will be implemented in each semester. The advising file will be updated each semester and will include copies of Result / Progress report / Transcripts and GPA earned.
- ii. Students are required to choose the courses they wish to enroll in, prior to the start of a semester with the advice of an advisor. For this purpose the university will publish a schedule for enrollment of students. The students may make any change (add/drop) in the courses they are taking within second week of the semester and record the changes in Advisor file and office of the Registrar. No drop and add will be allowed after the third week of the semester.
- iii. A student who wishes to add or drop a course, or change a section of a course after registration must complete the relevant procedure as prescribed by the university.
- iv. 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.
- v. A student withdrawing after the 6th week shall be automatically awarded "F" grade which shall count in the GPA and stay on the transcript.

#### **1.6. Repeating Courses / Improvement Of CGPA**

- i. If a student gets 'F' grade, s/he will be required to repeat the course or its recommended alternate, if any. However, "F" grade obtained earlier will also be recorded on the transcript.
- ii. Undergraduate students may be allowed to repeat a course in which s/he has obtained grade below "C". In such a case both the previous and new grade obtained will be recorded on the transcript, however, only the better grade shall be used in the calculation of CGPA. A student may take a maximum number of 6 courses to repeat in an eight semester degree program. Whereas in a ten semester degree program, a student may take a maximum of 8 courses to repeat.
- iii. In case of CGPA improvement, it would be recorded with (Imp) on the transcript.

#### **1.7. Attendance**

- i. Attendance in classes is mandatory especially in a semester system.
- ii. A student having less than 75% attendance in lectures and practical (if applicable) separately shall not be allowed to take the final term examination of the course. The Department/ College/Institute/Center shall notify the list of such students at least one day before the examination week.
- iii. The Chairperson/Principal/Director of the Department/ College/ Institute/Center may condone, for valid reasons, deficiency up to 5% of the total number of lectures. The Dean of the Faculty on the recommendations of the Chairperson/ Principal/ Director of the Department/College/Institute/Center, may on special grounds, condone up to another 5% of the total number of lectures.
- iv. 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.

- v. If a student who is found habitual of missing lectures in a course, he/she shall not be allowed to sit in the class without the approval of the Chairperson/Principal/ Director.
- vi. If a student makes him/herself absent from the Department/ College/ Institute/ Center for ten consecutive working days, his/her name shall be struck off from the rolls of the Department/College/ Institute/Center. Such student shall not be re-admitted without the approval of the Dean concerned. The student shall have to pay the prescribed re-admission fee/dues under intimation to the Treasurer and the Director Academics.
- vii. At the end of each semester, the teacher concerned shall submit the statement showing the total number of lectures delivered and practical (if applicable) conducted, by him/her together to the Chairperson/Principal/Director of the Department/ College/Institute/Center with the total number of lectures and practical (if applicable) attended by each student.
- viii. The absence as a result of late admission or change of course(s) shall also be counted for dropping from the course(s).
- ix. For a student participating and representing the University in sports/co-curricular activities of national or international level events, as verified by the Director (Sports), the days actually spent by the student in such events shall be counted as present towards the attendance requirement.
- x. If a student is required to participate in sports/co-curricular activities representing the University, on the date/dates of examination, arrangement will be made by the Department/ College/Institute/Center for holding Special Examination for him/her as soon as his/her sports/co-curricular activities are ended.
- xi. The instructor may report a student's absences and the student may be placed on attendance probation by his/her Dean/HOD and it will be notified by the department. A student may be dropped from the University for violating the terms of such probation.

**.2. EXAMINATION AND EVALUATION**

**2.1. Examination**

- I In each semester, students may be required to appear in quizzes, tests, midterms, final examinations, presentations (individual/group), group discussion, and submit projects/assignments/lab reports etc. These assessment marks will have different weightage contributing towards the overall assessment in percent marks. This weightage shall be determined on the basis of following guidelines:

Courses without practical		Courses with practical*	
Assessment	Marks	Assessment	Marks
Mid Semeser Examination	25	Mid Semester Examination	25
Sessional Examination	25	Sessional Examination	15
Final Examination	50	Final Examination	40
		Practical	25

*Note: In case of a course with the composition of 4(3+1), (03 credit hour theory and 01 credit hour practical) the weightage for the practical will be considered 25%. However, the practical shall be administered in the lab.*

For the accreditation bodies/councils regulated programs like Pharmacy, Engineering, Computer Science, Information Technology etc.

	Assessment	Marks
Theory Exam	Mid Semester Examination	25
	Sessional Examination	25
	Final Examination	50
Practical	External viva / Internal Viva, Practical, notebook, Demonstration etc.	(As prescribed by respective Accreditation bodies/Councils)

- i. In the beginning of a semester, the Instructor of each course will hand out a syllabus providing information to students that defines attendance policy, grade distribution policy, assessment criteria, paper specification, examination dates, schedule of material to be taught, take home assignment policy, required and recommended reading materials and any other information important for the successful completion of the course and its requirements.
- ii. There will be no Supplementary/Special Examination in a Semester System; if a student fails in a course, s/he is required to repeat it. An incomplete grade will be awarded by the faculty only in exceptional cases beyond the control of a student such as serious accidents, family tragedy, serious health ailments, etc.

**2.1. Grading Policy**

- i. The programs and courses will be evaluated on a point or percentage system (absolute grading method).
- ii. A standard scale of 0.00 to 4.00 shall be followed.
- iii. The following equivalence of GPA/CGPA and percentage shall be followed;

Grade	Grade Points	Percentage obtained in a Semester System
A	4.00	85 and above
A-	3.66	80 – 84
B+	3.33	75 – 79
B	3.00	71 – 74
B-	2.66	68 – 70
C+	2.33	64 – 67

Grade	Grade Points	Percentage obtained in a Semester System
C	2.00	61 – 63
C-	1.66	58 – 60
D+	1.30	54 – 57
D	1.00	50 – 53
F	0.00	Below 50

**Note:** A student getting any CGPA, in absolute or relative grading will be given the minimum of the corresponding percentage of the column 3. For example if a student gets a CGPA of 3.00, the percentage associated will be 71%.

*Example:*

Examination	Weight	Marks Obtained
Mid Term	25	19.0
Sessional	35	20.3
Final Term	40	30.1
Total	100	69.4

The score shall be rounded to 70.

**GPA is a figure ranging preferably from 0.00 to 4.00 be used to indicate the performance of a student in the semester concerned.**

**GPA=Sum over all courses in a Semester (Course Credit Hours x Grade Point Earned)**

Total Semester Credit Hours

**Semester Grade Point Average (GPA) and Cumulative Grade Point Averages (CGPAs) will be calculated using the following relationships:**

**CGPA=Sum over all taken courses in all Semesters (Course Credit Hours x Grade Point Earned)**

Total Credit Hours taken in all Semester

**8.1. CGPA Required For The Completion Of Undergraduate And Graduate Degree**

- i For completion of the degree, the minimum qualifying CGPAs for BS and MS/MPhil Students are 2.00 and 2.50, respectively.
- ii. In case a student secures less than 2.00 CGPA (minimum qualifying CGPA) at the end of final Semester, s/he may be allowed to get re-admission in one or more courses, in which his/her Grade is below C, along with the forthcoming semester, provided that s/he is not debarred under the CGPA Improvement Regulation and time duration specified for the program.

**8.2. Transfer of Credit Hours for Undergraduates/Graduates**

- i Credits shall be transferred on course to course basis i.e. a person taking course A at University X is allowed to transfer his/her credits to University Y provided that course A is equivalent to course B taught at the Y University.
- ii. No credit hour of a course will be transferred if the grade is less than C for undergraduate and B for graduate.
- iii. Credit hours shall only be transferred between duly recognized HEIs and internationally recognized universities.
- iv. The University is at liberty to enroll students (if they fulfill their criteria) for any semester or for any single class and issue the students a transcript for the courses completed. The University of Chakwal shall developed its Migration Policy separately in accordance with the provisions of the above paras.

**2.3. Requirement For The Award Of Degree**

- I A student must have a regular admission in the Undergraduate program of the University and should earn a minimum of 60 credit hours from the University from where s/he will be entitled for the degree.**

**8.7 Student Grievances Against Course Instructor**

- I The University shall have a 05 member Committee constituted of 02 senior faculty members, relevant Head of the Department and Dean headed by Controller of Examinations to redress the grievances of the students about any course instructor or grades or for any other issue.**
- ii. In respect of grade, a student must submit the grievance application if any, in writing to the Head of the Department within (07) seven working days of the receipt of the grade. The Head of Department shall forward the grievance application to the Committee. It will be mandatory for the Committee to hear both sides (student and the instructor) and will give its final decision within (05) five working days or before the start of registration for the new semester, whichever comes earlier. The decision of the Committee will be deemed final and will be binding on all parties.**
- iii. A Departmental Committee headed by the Chairman/ Senior Faculty Members will be constituted to check randomly a few answer papers of the final semester examination for uniformity of scoring & covering of the course content.**

**8.8. Cancellation of Enrolment**

**If a student fails to attend any lecture during the first four weeks after the commencement of the semester as per announced schedule, his/her admission shall stand cancelled automatically without any notification.**

**8.9. COURSE FILE**

**Maintaining the Course File is compulsory for all faculty members. It should have complete record of every activity that happens during the course. The course file should contain:**

- i. Course Code and Title**
- ii. Description of Course/Learning Outcomes**
- iii. Course syllabus and changes, if any, made over at least 3 semesters**
- iv. Weekly Teaching Schedule**
- v. Dates of Mid-Semester Examination**
- vi. Grading Policy will identify each activity. Such as Homework, Quizzes, Mid-Semester Examination, Final Examination and Term Papers etc.**
- vii. Copy of each Homework Assignment**
- viii. Copy of each Quiz Assigned**
- ix. Copy of Question Papers for Mid Semester Examination**
- x. Copy of Question Papers for Final/Semester End Examination**
- xi. Grading Sheets of the Course, Detailing Statistical Data on the Grades obtained by Students**
- xii. Difficulties/Problems faced by the Teacher and Students during Classroom/ Course Delivery**

**8.8. Freezing Of Semester**

- i. If a student freezes a semester(s), s/he will resume his/her studies from the same stage where s/he left (froze). No freezing during the semester will be allowed. The maximum duration of the degree program shall remain the same.
- ii. If a student is not enrolled in any course in a semester, s/he will not be considered a regular student of university in that period. The student may then enroll in these courses in a subsequent semester; however, s/he will have to meet pre-requisites of any course taken. In addition, it is understood that the university is not required to offer all courses in each semester.
- iii. In special hardship cases, the University may develop any criteria for freezing a semester with the prior permission of the Vice Chancellor. Medical certificate must be duly signed by the University Medical Officer.
- iv. The duration of Freezing is one year; a candidate who gets a semester freeze can get readmission next year with upcoming session but hardship cases can be considered by the Vice Chancellor only.
- v. Freezing of first two semesters for BS and first semester for MS is not allowed.
- vi. Under special \*hardship circumstances freezing of first semester can be considered by the hardship committee and subject to the approval of the Vice Chancellor.
  - Iddat
  - Maternity/Delivery
  - Death in the immediate family
  - Any other subject to acceptance on justified rationale

**Note:** Freezing of Semester will only be allowed after successful completion of 1<sup>st</sup> Semester as prerequisite as the case may be for other semester's predecessor to the freezing Semester.

**8.9. Medical Certificate**

**Medical certificate from a registered medical practitioner duly endorsed by the University Medical Officer is acceptable for the Examination purposes in the University.**

**8.10. Indiscipline in Examinations**

- I Any candidate found guilty of following matters, his/her case will be submitted to Unfair Means Cases Committee constituted by the University. This committee will be constituted of 02 senior faculty members, Director of student's affairs, headed by senior Professor of the University.
  - I Removes a leaf from his/her answer book, the answer book shall be cancelled.
  - ii. Submits forged or fake documents in connection with the examination.
  - iii. Commits impersonation in the examination.
  - iv. Copies from any paper, book or notes.
  - v. Mutilates the Answer Book.
  - vi. Possesses any kind of material, which may be helpful to his/her in the examination.
  - vii. Does anything that is immoral or illegal in connection with the examination and which may be helpful to him/her in the examination.
  - viii. Refuses to obey the invigilation staff or refuses to follow the instructions issued by the University in connection with the examination.
  - ix. Misbehaves or creates any kind of disturbance in or around the examination center.
  - x. Uses abusive or obscene language on the answer script.

**A. *His/her case shall result in penalties keeping in view the nature and intensity of offence.***

- i. Cancellation of paper\*.
- ii. Suspension from programme for one semester.
- iii. Heavy and light Fine
- iv. Expulsion forever from the University.
- v. Any other.

\* Unfair Means Cases Committee will decide that the student will have to appear in summer semester/with regular semester for the cancelled paper.

***B. Appeal against the decision of the Unfair Means Cases Committee***

**If a student is not satisfied by the decision of the Unfair Means Cases Committee, s/he can submit his/her appeal within a week after the decision of the Committee to the Vice Chancellor. No appeal shall lie against the decision of the Syndicate.**

**8.11. Probation**

Probation is a status granted to the student whose academic performance falls below the minimum University standard.

- i. A student must obtain a minimum Grade Point Average (GPA) of 2.00 at the end of first semester and Cumulative Grade Point Average (CGPA) of 2.00 at the end of subsequent semesters for promotion to the next semester.
- ii. In case a student obtains GPA of 1.50 or more but less than 2.00 in first semester, he/she will be promoted to the second semester on probation (1<sup>st</sup> probation) provided that he/she has passed at least 50% of the courses in the semester.
- iii. In case a student obtains CGPA of 1.70 or more but less than 2.00, he/she will be promoted to the third and subsequent semester on probation provided that he/she has passed at least 50% of the courses in the semester.
- iv. A student who fails to obtain 1.50 GPA in the first semester or 1.70 CGPA in a subsequent semester or fails in more than 50% courses in any semester, will stand automatically dropped from the rolls of the University.
- v. A student has to obtain CGPA 2.00 in the last semester of each program for the award of the degree.
- vi. In the third, fifth, seventh, and ninth (where applicable) semesters, a student will be required to repeat those courses of the first, third, fifth and seventh semesters, respectively, in which he/she had failed.
- vii. In the fourth, sixth, eighth and tenth (where applicable) semester, a student will be required to repeat those courses of the second, fourth, sixth and eighth semesters, respectively, in which he/she had failed.
- viii. If a student gets D grade, he/she can repeat the course when offered to improve his/her grade.
- ix. A student, who completes all the courses and has not been required to repeat any course(s), obtains CGPA less than 2.00 but not less than 1.90 at the end of the last semester may be allowed to repeat 12 credit hour courses in which he/she had obtained the lowest grades, in order to improve the CGPA so as to obtain the minimum of 2.00 CGPA failing which he/she shall not be awarded degree and removed from the rolls of the University.
- x. In case a student repeats the course(s) for the improvement of grades) which he/she has already taken, the better of the two grades of the course(s) will be counted for CGPA calculations
- xi. Students acquiring GPA less than 1.7 in two consecutive semesters even after attending summer semester for one academic year will be dropped from university rolls. However, s/he will be eligible to seek re-admission. Re-admission will be allowed only once during 4 years BS degree program. Re- admission will be allowed after the payment of full admission fee.

- xii. Students on probation in two consecutive semesters even after attending Summer Semester in one academic year will take re-admission in that particular academic year once only.
- xiii. There will be maximum two academic probations in four-year Bachelor degree program.
- xiv. In case of valid reason / excuse, the period of study may be extended according to following:

Program Length	Maximum Duration
1-Year	Two Years
2-Years	Four Years
3-Years	Five Years
4-Years	Six Years
5-Years	Seven Years

- xv. The student(s) who will not complete studies within stated periods including extension shall be struck off from the rolls of the university. The students who have been given the right to extend the duration of study for additional year(s) are required to pay new registration fee along with normal fee for that academic year.
- xvi. It is also mandatory to obtain at least 50% marks in Practicals, Projects, Thesis, Assignments, Test and Theory Paper separately/aggregate.

**8.8. Rechecking of Examination Script**

**The answer book of a candidate shall not be re-assessed under any circumstances.**

- a. Whereas the re-checking does not mean re-assessment/re-evaluation/re-marking of the answer book. The Controller of Examination can arrange for re-checking of examination script by any faculty member from the relevant discipline on the complaint/request of students. The Controller of Examination or any officer or re-checking committee appointed shall see that:
  - i. There is no computational mistake in the grand total on the title page of the answer book.
  - ii. The total of various parts of a question has been correctly made at the end of each question.
  - iii. All totals have been correctly brought forward on the title page of the answer book.
  - iv. No portion of any answer has been left un-marked.
  - v. Total marks in the answer book tally with the marks sheet.
  - vi. The hand-writing of the candidate tally in the questions/answer book.
- b. The candidate or anybody on his behalf has no right to see or examine the answer books for any purpose.
- c. The marks of a candidate could even decrease in light of (a) (iii) above. In the event of reduction of marks, the record shall be corrected accordingly and revised transcript will be issued.

**8.9. DAMAGED/LOST ANSWER SCRIPT**

**In an exceptional case where an answer script is damaged, lost or destroyed due to unavoidable circumstances, then the student may be given the following options:**

- i Average marks shall be awarded to the student in that subject/course.
- ii In case of Final Examination, if the candidate so desires, s/he shall be given another chance as a special case to take the Examination in that subject/course in the next examination and no examination fee shall be charged from the student.
- iii In case of Internal Assessment, if the candidate so desires, s/he shall be given another chance as a special case to take the Make-up Assessment in that subject/course in the same academic session.

**8.10. MATTERS RELATED TO DEGREES CONFERMENT**

- i The University shall conduct Convocation once in a year to award the degrees to the qualified students as per criteria.ii. Urgent degree can be issued as per Regulations of University upon the request of student.
- ii Duplicate Degree may be issued (with completion of all requirements) to a candidate in case the original degree is lost/damaged or in case of change in the name of candidate. The candidate has to apply to the Controller of Examinations for the issuance of duplicate degree along with the relevant documentary proof as per University rules.
- iv. The Duplicate Degree shall be signed by the Controller of Examinations only.

**8.11. Awards and Distinctions**

- i Medals/Prizes/Rolls of Honor/Positions will be awarded to the students passing their internal as well as external examinations/term papers in the Annual as well as Semester System in the first attempt.
- ii. In the Semester System, Letter Grades will be awarded on the basis of GP / GPA / CGPA and Positions would be given on the basis of CGPA. In case two or more students are acquiring same CGPA only then the Position would be decided on the basis of percentage among those students.
- iii. The disciplines where number of students is less than 05, no position will be awarded in semester system.
- iv. No medal and roll of honor will be granted to candidates who passed the examination in 2nd attempt.
- v. The result of the candidate is not declared within the prescribed time of the degree, then no medal will be awarded.
- vi. No Medal/Roll of Honor will be awarded in the case of improving CGPA.

**.9. STUDENTS DISCIPLINE RULES**

- 9.1. These rules shall be called the "University of Engineering and Technology, Taxila, (Students General Discipline) Rules,1998" adopted by University of Chakwal in its 01/2020 meeting of the Syndicate. The following terms shall mean as defined in each case: imposed and the authority or authorities competent to impose each kind of penalty are specified in the table given below

- “Academic Department” means an academic department of the University.
- “Committee” means the Students Discipline Committee of the University constituted by these rules.
- “Country” means Pakistan in case of native students and in case of foreign students this term refers to the native country of such foreign students.
- “Examination Hall” means a place declared as examination hall or as such.
- “Hall of residence” means the hostel of the University or such place as may be declared as residence hall for students.
- “Student” means a bonafide student of the University, both native and foreign, in accordance with the respective rules.
- “University” means the University of Chakwal.
- “Vice-Chancellor” and other officers/ authorities mean the Vice - Chancellor and other officers / authorities of the University.

**Note:** *The general pronoun “he” and its derivatives shall mean either of the sex, unless otherwise Explicitly expressed.*

**9.2.** Every student must observe the following code of honour:

- He must be faithful in his religious dues and respect the conviction of others in matters of religion and custom.
- He must be loyal to his country and refrain from doing things, which might lower its honour and prestige.
- He must be truthful and honest in his dealings with all people.
- He must respect the elders and be polite to all especially to women, children, old people, the weak and the helpless. e) He must respect his teachers and others in authority in the University.
- He must keep clean in body and mind, standing for clean speech, clean sport a clean habit.
- He must help his fellow beings especially those in distress.
- He must devote himself faithfully to his studies.
- He must observe thrift and protect property.

**9.3.** No student shall: –

- Smoke in his class room, laboratory, workshop, library, hall of residence, examination hall or convocation hall and during studio work or academic functions.
- Consume alcoholic liquor or other intoxicating drugs within the University campus or hall of residence or examination hall or during the instructional, sports or cultural tours or survey-camp; or enter any such place or attend any such tour or camp, while under the influence of such intoxication.
- Organize or take part in any function within the University campus or a hall of residence or organize any club or society of students except in accordance with the prescribed rules and regulations.
- Collect any 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 Vice-Chancellor or any officer authorized by the Vice-Chancellor

- Stage, incite, participate in or indulge in any walkout, strike or other form of agitation against the University or its teachers or officers.
- Interfere in the official proceedings of the examination or other University business.
- Threat or misbehave with the officers or other employees of the University or try to influence such officers or employees in any way in connection with their official assignments.
- Instigate or take part in any boycott of examination or create disturbance in or, around the examination hall.

9.4. Every member of the teaching staff shall have the powers (and it shall be his duty) to check disorderly or improper conduct or any breach of the rules by students occurring in any part of the precincts or the University. Should such misconduct occur in room when the student is under the charge of an instructor/supervisor, the latter shall report the matter, without delay, to the Chairman of the Department.

9.5. The Librarian shall be responsible for maintenance of order of the library. In case of disorderly conduct or any breach of rule, he may require the student so offending to withdraw from the library for the remainder of the day and shall immediately report the offense to the Chairman, Library Committee.

9.6. The Senior Warden/Warden and the Resident Tutor shall be responsible for the maintenance of order among the students in hall of residence or hostels. The Director, Sports/Physical Education shall be responsible for the maintenance of order among the student son or near the playground or while otherwise under his charge.

9.7. There shall be a Students' Discipline Committee, to deal with the serious cases of in-discipline, consisting of the following:

- Chairman, to be nominated by the Vice-Chancellor
- One member to be nominated by the Syndicate
- Two members not below the rank of Associate Professor, to be nominated by the Academic Council.
- The Senior Warden, (Ex-Officio Member).
- The Director Students' Affairs, (Ex-Officio Member/Secretary)

The term of office of the members other than ex-officio members shall be two years and the quorum for a meeting of the Committee shall be four.

9.8. The functions of the Committee shall be:

- To propose regulations to the Academic Council, and other authorities, for the conduct of the University student.
- To maintain discipline and to guard against the breach of discipline.
- To perform such other functions as may be prescribed.

9.9. A student shall be guilty of an act of in-discipline and shall be liable for each act to one or more of the penalties mentioned in Rule 9.11.

9.10. If he:

- Commits a breach of any of the rules of conduct specified in Rule section; or
- Disobeys the lawful order of a teacher or other persons in authority in the University; or
- Habitually neglects his work or habitually absents himself from his class without reasonable cause; or
- Willfully damages University property or the property of a fellow student or any teacher or any employee of the University; or

- Does not pay fees, fines or other dues leviable under the University Act, Statutes, Rules, Regulations or Instructions; or
  - Does not comply with the rules relating to residences in the hostels or hall of residence or the Rules relating to the University Dress Code; or
  - Uses indecent language, wears immoderate dress, makes in decenter marks/gestures or behaves in a disorderly manner; or
  - Commits any criminal, immoral or dishonorable act (whether committed within the University campus or otherwise) which is prejudicial to the interests of the University; or
  - Humiliates, or causes to humiliate, his fellow student or a teacher or officer or other employees of the University; or
  - Possesses, carries or uses any type of weapons/fire arms or explosive material within the University premises; or
  - Spreads by word, mouth or written material, religious, sectarian, ethnic, regional or linguistic conflicts/hatred; or
  - Uses or takes possession of the University transport unauthorizedly; or
  - Shows immodest/indecent or contra-Islamic behavior with fellow boy/girl student
- Strict action will be taken and he will be fined as per university rules and penalties may be imposed accordingly.

**9.11. Fines and Penalties**

The penalties which may be imposed and the authority or authorities competent to impose each kind of penalty are specified in the table given below

S.No	Penalty	Authority Competent to Impose the Penalty
a)	Exclusion from classroom Laboratory, Workshop or field work for the periods concerned, for not more than four such consecutive periods	Teacher In-Charge
b)	Exclusion from the game or the field for not more than one week	In-charge of the game
c)	Exclusion from instructional or sports tour or survey camp.	Teacher In charge or Tour In charge/ Chairman
d)	Exclusion from the Department for a period not more than one year.	Heads of Department/ Chairman
e)	Exclusion from the Library for not more than two weeks.	The Chairman Library Committee
f)	Exclusion from all classes or any class in any Faculty for a period not exceeding one year.	Dean of the Faculty
g)	Exclusion from the Hall of residence for a period not exceeding six months.	Resident Tutor, Hostel Warden,
h)	Exclusion from the Hall of residence for a period not exceeding one year.	Hostel Warden, Director Students Affairs
l	Suspension or removal from a position of authority in a hall of residence	Resident Tutor, Hostel Warden,
j)	Suspension or removal from a position of authority in the Students Union, if any	Director, Students Affairs

S.No	Penalty	Authority Competent to Impose the Penalty
k)	Suspension or removal from a position of authority in the University Sports	The Chairman, Sports Committee
l)	Fine up to Rs. 2000/-	Lab demonstrator/Lecturer, Resident Tutor
m)	Fine up to Rs. 5000/-	Assistant Professor, Warden
n)	Fine up to Rs. 10000/-	Associate Professor
o)	Fine up to Rs. 20000/-	Chairman of a Teaching Department, Professor, Warden, Director Students Affairs, Chairman
p)	Fine without any limit	Dean of the Faculty
q)	Rustication from the University:	
	i) for a period not exceeding one year	Chairman of the Department
	ii) for any period	Discipline Committee, Dean of the Faculty
r)	Expulsion from the University	Discipline Committee
s)	Withholding of result(s), certificate of good moral character etc.	Dean of Faculty, Chairman of Department

**Note: The terms “Teaching/Research Associate”, “Assistant Professor”, “Associate Professor” and “Professor” include non-teaching officers, in relation to these rules, holding the posts of corresponding pay scales.**

- i. When a case against a student is referred to the Committee, the Committee may, if it deems fit, suspend the student from University Rolls and/or direct him to vacate the hall of residence till it has taken a decision in the case
- ii. Notwithstanding anything contained in rule 9.11(ii), the Vice- Chancellor shall have the powers to impose any of the penalties mentioned in rule 9.11(i) or to refer the case to the Committee.
- iii. A teacher or officer mentioned in these rules in whose presence or in relation to whom an act of in- discipline is committed or who obtains knowledge of such act on a report or otherwise, may deal with the case himself or if in his view :-
  - (a) the case is one which can be more appropriately dealt with by another authority; or
  - (b) a penalty severer than that which he is competent to impose is called for in the case; shall follow the procedure specified below:
    - i. If he is not the Dean of the Faculty he shall refer the case to the Dean who may deal with it himself or refer to the appropriate authority.
    - ii. If he is the Dean of the Faculty, he shall refer the case to the Vice- Chancellor or the Committee.
- iv. No student shall be rusticated or expelled from the University, unless he has been allowed reasonable chance of replying to the accusation against him.

- v. When in the opinion of the Committee the penalty of rustication or expulsion is not called for in a case referred to it, it may impose any other penalty or penalties mentioned in the Rule 9.11 (i)
  - vi. When a teacher or officer has imposed penalty/penalties on a student under sub rule (i) of rule 9.11, the latter shall not be liable to a higher or an additional penalty unless the he has been given a reasonable opportunity of showing cause against the proposed action.
  - vii. (1) A review petition against the imposition of penalty may be made within a week's time to the teacher/officer who imposed the penalty. In case the student is not satisfied with his decision/revision he may appeal to the Chairman, Discipline Committee who shall place it before the Committee for its consideration and decision within a maximum of six weeks to dispose of the case. A final appeal against the imposition of penalty may then be made to the Committee as provided in Rule 9.11(i) of these Rules.  
(2) An appeal against a decision on imposing a penalty mentioned in Sr. No.(r) and (s) of the table under rule 9.11(i) shall lie with a committee comprising as mentioned below: (a) The Vice-Chancellor (b) All Deans of Faculties (c) One member to be nominated by the Syndicate. (d) The Registrar shall be the Secretary of the Committee.  
(3) No appeal shall lie against a decision of an authority imposing a penalty other than that mentioned in Rule 9.11(i) of these rules except on the ground that such authority has imposed a penalty which it was not competent to impose.  
(4) An appeal on the ground that an authority has imposed a penalty, which it was not competent to impose, shall lie to the Vice- Chancellor.  
(5) No appeal by a student under sub rule (i) or sub rule (5) of this rule shall be entertained, unless it is presented within fifteen days from the date on which the decision is communicated to him, provided that the Vice-Chancellor may, for valid reasons, extend this period up to thirty days.
- viii. The Vice-Chancellor or any teacher or officer to whom the Vice-Chancellor may delegate his powers, may direct a student to pay compensation for any loss, or damage to property belonging to the University or to a fellow student or to an employee of the University caused by a willful act or gross negligence of the student and if the student does not pay such compensation within a time to be specified, the Vice-Chancellor may expel him from the University and loss/ damage/compensation be recovered from his parents / guardians through legal proceedings.

**9.11. University Transport**

- i. An individual traveling in the university bus must respect the elders and be polite to all especially female students, women, children, old people, the weak and the helpless.
- ii. All the students must respect the teachers and others in authority in the university.
- iii. Playing music, singing songs, use of vulgar language, card playing, fooling, passing remarks using nick names, smoking, playing music on the mobiles, are prohibited.
- iv. Hanging with door of buses is prohibited.
- v. Forcing driver/cleaner for undue delay, stoppage, changing route is prohibited.
- vi. All individuals traveling in the bus must cooperate with the driver/cleaner.
- vii. For complaints/ suggestions regarding transport contact Chairman Transport/ DSA office.

**9.12. Policy to Deal Discipline Cases in the Bus Routes.**

- (1) Any eventuality occurring in the bus routes will be immediately reported by the concerned driver/ cleaner to the chairman transport through transport officer/office in writing. Failing to do so action will be taken against them as per E&D rules of the university.
- (2) Keeping in view the gravity of the problem the Chairman Transport will serve first and second notice to deal the indiscipline during the bus routes. In acute circumstances the discipline committee empowers the following committee to deal the indiscipline problems in bus routes:
- (a) Chairman Discipline Committee
  - (b) Director Student Affairs
  - (c) Chairman Transport Committee

**9.13. University Hostel**

I Limited hostel accommodation is available at campus for male students. The rooms in the hostels are allotted on the basis of academic merit. However, a casual student

or a student involved in any act of misconduct, indiscipline, violation of rules or involvement in any political and objectionable activities, shall be ineligible for hostel accommodation. If the attendance of a student is short, his hostel allotment shall be cancelled. He may apply for fresh allotment after the next semester if his attendance is up to the mark at that time.

- ii. A student shall not occupy a room without due allotment. He shall not transfer it to any other person, nor exchange it with another student without permission of the Senior Warden.
- iii. The furniture assigned to a room shall not be shifted from it. A resident shall be responsible for the articles issued to him and shall return them to the hostel authorities when leaving the room or hostel. He shall be responsible for making good, any loss or damage to these articles.
- iv. A resident who breaks or damages any University property shall have to pay the cost of the articles, in addition to any disciplinary action that may be taken against him.
- v. The residents shall not tamper with the room fittings, nor shall they get the doors fitted with internal locks.
- vi. A room or any part of the hostel premises shall not be used as an office, reading room, library or for any other similar purpose by a political, religious, regional or sectarian body of the students.
- vii. The residents shall not leave lights, heaters or fans ON when the rooms are not in use.
- viii. The residents shall not use heaters and air coolers without payment of approved charges and prior permission of the Senior Warden. The use of room heater is restricted to 1000 W. Moreover, the use of electric heaters and air coolers is strictly prohibited during generator (load shedding) hours in case of violation, the appliance/device shall be confiscated.
- ix. The residents are not allowed to use air-conditioners, refrigerators, ovens or similar electrical appliances. A student who violates this restriction will be liable to punishment under rules of discipline, and shall also pay the cost of any damages to the wiring or other fittings, which will be determined by the Senior Warden.
- x. The residents are advised in their own interest, not to keep in their rooms cash or valuable articles like radios, transistors, tape-recorders, TV sets, mobile phones, laptops etc.
- xi. The residents shall be responsible for keeping their rooms tidy and clean. They shall not dispose off litter in the verandahs or other parts of the hostel premises. Smoking is strictly prohibited in the hostel premises.
- xii. Every part of the hostel shall be opened to the hostel authorities for inspection at any time during day or night.
- xiii. The residents are not allowed to wear immodest dress in the hostel.
- xiv. The residents shall not keep in the hostel any fire arms or other weapons, even if licensed. Violation of this rule shall render a resident liable to expulsion from the University.
- xv. A resident shall not indulge in any amusement, which is likely to cause nuisance to others. Loud speakers, woofers and other instruments causing disturbance to other resident students are not allowed in the hostel premises in case of violation, the appliance/device shall be confiscated.
- xvi. Any religious ceremony likely to injure the sentiments of other residents shall not be performed in the hostel.
- xvii. The residents are not allowed to gamble or to use any intoxicants and narcotics. Violation of this restriction shall render a resident liable to expulsion from the University hostel, in addition to any criminal proceedings that may be instituted against him under the Penal Law of Pakistan.
- xviii. The resident students shall not be allowed to accommodate anybody else with them. In case an unauthorized person or a non-student is found residing in any room of the hostel, strict disciplinary action shall be taken against the resident students concerned which may result into immediate expulsion from the hostel.
- xix. Wall chalking, displaying of un-approved posters, pasting of unauthorized notices etc. in the hostels as well as in the university premises is strictly prohibited. The students involved in such activities shall be punished in accordance with the University Discipline Rules.
- xx. The students are not allowed to form and/or join any unauthorized society, association or group etc. in the hostels as well as in the university on regional, political and sectarian basis. The students showing affiliation with such associations will be dealt in accordance with the University Students Discipline Rules. Unauthorized gathering, arrangement of parties and tours etc. and collection of donations by the students is also strictly prohibited in the hostels as well as in the university premises.
- xxi. Guests may visit the male residents in the hostel between 9.00 a.m. to 7.00 p.m. The male residents shall not receive female guests in their rooms, but may see them in the place reserved for the purpose. The guests approved by the Senior Warden may visit the female residents in Girls Hostel between 4.00 p.m. to 7.00 p.m. only. The female residents can receive the guests in Guest Room only.

- xxii. Guests are not allowed to stay overnight unless it is permitted by the hostel authorities and accommodation is available in the guest rooms.
- xxiii. Students will have to vacate the hostel accommodation within a week of the expiry of the final semester regular examination.
- xxiv. The Warden may cancel the allotment of a student who violates the Students Discipline Rules of the University.
- xxv. The resident students must respect every one specially the elders and the hostel staff. If he/she humiliates or causes to humiliates any one, strict disciplinary action shall be taken against him/her besides cancellation of hostel allotment.

#### **9.14. ALLOTMENT OF ROOMS IN HOSTELS**

- i. A student seeking accommodation in a University Hostel shall submit an application to the Hostel Warden on the prescribed form. Allotment will be made by the Resident Tutors under the supervision of the Warden.
- ii. Students residing within the limits of Chakwal, Talagang, Rawalpindi and Islamabad shall not be provided hostel accommodation, unless vacancies are available after accommodating students from outside the above limits.
- iii. The order of preference for allotment of the accommodation shall be as follows: a. Final year students b. Third year students c. Second year students. d. First year students
- iv. Within each of the categories mentioned in sub-rule iii, except categories d, the order of preference shall be as follows:-
  - a. Students who have passed the next below regular semester examination, taken as a whole
  - b. Students who have failed in not more than three of the papers of the next below regular semester examination
  - c. Others
- v. **Confinements:**
  - a. Hostel accommodation is not a right but facility provided by the University. It is solely the prerogative of the University to offer a place in the hostel.
  - b. A student, who fails to fulfill the degree requirements within the minimum prescribed time duration, shall not be allowed to reside in the university hostels.

#### **9.15. MISCELLANEOUS**

##### **i. Liability for Injury Damage and Loss:**

The University teaching programs include training in its workshops and laboratories, places of engineering interest, industrial concern, and construction jobs. The University or other concerns shall not be responsible in the event of an injury, damage or loss to a student resulting from any cause whatsoever during the course of such training.

##### **ii. Modification of Rules and Regulations:**

The rules and regulations governing various aspects of students' life at the University (such as discipline, admissions, examination, migrations, fees and charges etc.) are given in this prospectus or elsewhere as they stood at the time of its publication. There is no guarantee that these rules and regulations will remain unchanged throughout a student's stay at the University; nor does it, in any way restrict or curtail the inherent powers for the University authorities to modify them whenever in their judgment any modifications are called for, and to implement the modified rules and regulations from a date which they deem appropriate

# COMMON FACILITIES

## Library Resources and Facilities

The central library is located in a spacious building with a seating capacity for fifty readers. The library has separate space for reference section, circulation section and book bank. The book bank provides most of textbooks to students on a per semester basis. The library has reference books on many topics. The faculty members as well as the students have an open access to the reference books. However, the reference books are issued only to faculty members.



## Hostel Accommodation

The University has limited provisions for hostel accommodation at the Campus for students. The hall of residence for students have an accommodation for about 105 students. books. However, the reference books are issued only to faculty members.



## Sports Facilities

Sports week is organized on annual basis that provides students an excellent opportunity for sports and other co-curricular activities. A series of inter-faculty and inter-hostel tournaments are also held to provide participation to the maximum number of student



## Student's Transport Facilities

The transport section of the Campus owns two vehicles including Two Daewoo bus with a capacity of 80-90 students which is used for students' industrial trips and visits to the main campus for performing labs and/or attending seminars/conferences.



## Mosque

There is a mosque in the Campus that provides a convivial atmosphere for the people. The mosque is located in the center of the Campus with easy access and has a capacity of around 500 people.



# Highlights of E v e n t s



# THE UNIVERSITY OF CHAKWAL



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