



PROSPECTUS 2024 - 2025

THE UNIVERSITY OF CHAKWAL



ASPIRING FOR QUALITY EDUCATION



PROSPECTUS 2024-25

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.

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- 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

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- Department of Pharmacy

FACULTY OF SCIENCES

- Department of Botany
- Department of Chemistry
- Department of Mathematics
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Rules And Regulations

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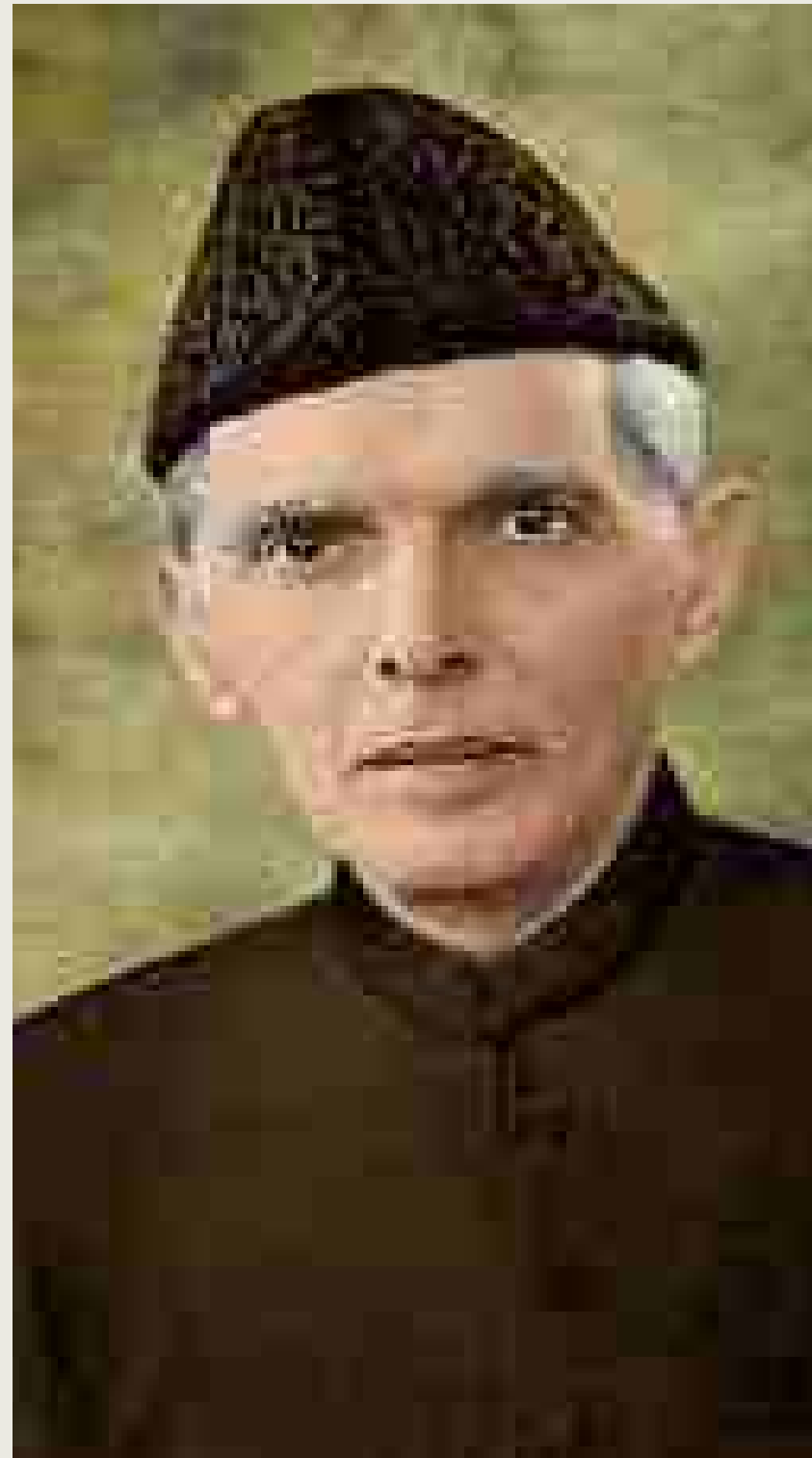
General

- Common Facilities
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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 enjoiment 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.
Mohammad Bilal Khan**
Vice Chancellor
The University of Chakwal

A Glance at HISTORY

University of Chakwal is a progeny of Govt. Post Graduate College Chakwal that has been a beacon of excellence since its inception in 1949. The college was in brain child of the then MLA of the Punjab Assembly, Khan Sahib Raja Sarfaraz Khan, who not only donated his precious land for the college but also contributed funds generously for the construction of its building. He is truly the Sir Syed of this land of intellectuals, sufis, bureaucrats, soldiers and politicians.

The college had a modest beginning with 14 professors to teach almost 300 students. However after decades of hard work, commitment and dedication, the college transformed into a sea where students of the area have quenched their thirst and satiated their soles.

This is a historic moment for GPCC when it has been elevated to University of Chakwal through a notification by the Government of the Punjab on January 17th, 2020.



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 |



2024-25

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. |
|------|--------|-------|
|------|--------|-------|

SEMESTER I

| | | |
|--------------|---|--------------|
| 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 |
| TOTAL | | 17.00 |

SEMESTER II

| | | |
|--------------|----------------------------------|--------------|
| 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 |
| TOTAL | | 18.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER III

| | | |
|--------------|---------------------------|--------------|
| 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 |
| TOTAL | | 15.00 |

SEMESTER IV

| | | |
|--------------|---------------------------|--------------|
| 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 |
| TOTAL | | 16.00 |

UNIVERSITY OF CHAKWAL

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER V

| | | |
|--------------|-------------------------------|--------------|
| 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 |
| TOTAL | | 18.00 |

SEMESTER VI

| | | |
|--------------|---------------------------------|--------------|
| 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 |
| TOTAL | | 16.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER VII

| | | |
|--------------|-----------------------|--------------|
| BBA-711 | Managerial Policy | 03 |
| BBA-712 | Conflict Management | 03 |
| | Business Elective-II | 03 |
| | Business Elective-III | 03 |
| | Business Elective-IV | 03 |
| TOTAL | | 15.00 |

SEMESTER VIII

| | | |
|---------|-----------------------|--------------|
| 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)

| Sr. No | Specialization |
|--------|--------------------------------------|
| MKT | Marketing |
| | Selling & Sales Management |
| | Consumer Behavior |
| | Marketing Research Design & Analysis |
| | Service Marketing |
| | Advertising & Promotion |
| | International Marketing |
| | CRM |
| | Retail Marketing |
| | Sales Force Management |

| Sr. No | Specialization |
|--------|---|
| HRM | HRM |
| | 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 |

| Sr. No | Specialization |
|--------|-----------------------------------|
| FM | Finance |
| | Investment Analysis |
| | Islamic Finance |
| | Capital Budgeting |
| | Financial Markets & Institutions |
| | International Finance |
| | Financial Statement Analysis |
| | Commercial Banking |
| | Tax Management |
| | Financial Statements and Analysis |

| Sr. No | Specialization |
|--------|---|
| ENP | Entrepreneurship |
| | 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 |



2024-2025

**FACULTY OF COMPUTING &
INFORMATION TECHNOLOGY**

Department of
**COMPUTER SCIENCE &
INFORMATION TECHNOLOGY**

F A C U L T Y



Dr. Rashid Amin
Chairperson, Assistant Professor



Mr. Wasi Haider
Lecturer



Ms. Hina Iftikhar
Lecturer

BS CS

(4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. | | CODE | COURSE | C/Hr. | | | | |
|----------------|--|-------|--------|----------------|-----------------------------------|-------|-------|--------|------|--|
| SEMESTER I | | | Theory | Lab. | SEMESTER III | | | Theory | Lab. | |
| CS-111 | Introduction to Information and Communication Technologies | 02 | 01 | CS-211 | Ddata Structures and Algorithms | 03 | 01 | | | |
| | | | | MT-212 | Probability & Statistics Comp. | 03 | 00 | | | |
| CS-112 | Programming Fundamentals | 03 | 01 | CS-213 | Organization & Assembly Language | 03 | 01 | | | |
| MT-113 | Calculus and Analytical geometry | 03 | 00 | UE-214 | University Elective – I | 03 | 01 | | | |
| EG-114 | Communication and Presentation Skills | 03 | 00 | MT-215 | Differential Equations | 03 | 00 | | | |
| PHY-115 | Applied Physics | 02 | 01 | ISL-226 | Translation of Quran/Ethics | 01 | 00 | | | |
| PK-116 | Pakistan Studies | 02 | 00 | TOTAL | | | 16 | 02 | | |
| ISL-117 | Translation of Quran/Ethics | 01 | 00 | Semester Total | | | 18.00 | | | |
| TOTAL | | 16 | 03 | | | | | | | |
| Semester Total | | 19.00 | | | | | | | | |
| SEMESTER II | | | Theory | Lab. | SEMESTER IV | | | 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 | | | |
| TOTAL | | 14 | 02 | TOTAL | | | 15 | 01 | | |
| Semester Total | | 16.00 | | Semester Total | | | 16.00 | | | |

UNIVERSITY OF CHAKWAL

Department of
**COMPUTER SCIENCE &
INFORMATION TECHNOLOGY**

F A C U L T Y



Engr. Muhammad Wajahat Lateef
Lab. Engineer



Mr. Fahim Abid
Assistant Programmer

BS CS

(4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. | |
|-----------------------|-----------------------------|--------------|-----------|
| | | Theory | Lab. |
| SEMESTER V | | | |
| 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 |
| TOTAL | | 16 | 01 |
| Semester Total | | 17.00 | |

| CODE | COURSE | C/Hr. | |
|-----------------------|-------------------------|--------------|-----------|
| | | Theory | Lab. |
| SEMESTER VI | | | |
| 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 |
| TOTAL | | 14 | 03 |
| Semester Total | | 17.00 | |

| CODE | COURSE | C/Hr. | |
|-----------------------|-------------------------------------|--------------|-----------|
| | | Theory | Lab. |
| SEMESTER VII | | | |
| 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 |
| TOTAL | | 12.00 | 05 |
| Semester Total | | 17.00 | |

| CODE | COURSE | C/Hr. | |
|-----------------------|---------------------------------|--------------|-----------|
| | | Theory | Lab. |
| SEMESTER VIII | | | |
| 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 |
| TOTAL | | 12.00 | 03 |
| Semester Total | | 15.00 | |

UNIVERSITY OF CHAKWAL

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 |

Department of
**COMPUTER SCIENCE &
INFORMATION TECHNOLOGY**

BS IT

(4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. | | CODE | COURSE | C/Hr. | |
|-------------|----------------------------------|--------|------|-----------------------|--------------------------------|--------|------|
| SEMESTER I | | | | SEMESTER III | | | |
| | | Theory | Lab. | | | Theory | Lab. |
| CS-111 | Introduction to Information and | 02 | 01 | UE-211 | University Elective-2 | 03 | 00 |
| | Communication Technology | | | 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 | 03 | 00 | ISL-216 | Translation of Quran/Ethics | 01 | 00 |
| | & Comprehension | | | TOTAL | | 16 | 02 |
| PK-116 | Pakistan Studies | 02 | 00 | Semester Total | | 18.00 | |
| ISL-117 | Translation of Quran/Ethics | 01 | 00 | | | | |
| | TOTAL | 17 | 02 | | | | |
| | Semester Total | 19.00 | | | | | |
| SEMESTER II | | | | SEMESTER IV | | | |
| | | Theory | Lab. | | | Theory | Lab. |
| CS-121 | Object Oriented Programming | 03 | 01 | MATH-221 | Linear Algebra | 03 | 00 |
| EG-122 | English II / Communication | 03 | 00 | CS-222 | Database Systems | 03 | 01 |
| | and Presentation Skills | | 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 | TOTAL | | 15 | 02 |
| ISL-126 | Islamic Studies/ Ethics | 02 | 01 | Semester Total | | 17.00 | |
| | TOTAL | 17 | | UNIVERSITY OF CHAKWAL | | | |
| | Semester Total | 18.00 | | | | | |

UNIVERSITY OF CHAKWAL

Department of
**COMPUTER SCIENCE &
INFORMATION TECHNOLOGY**

BS IT

(4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. | |
|-----------------------|------------------------------|--------------|-----------|
| SEMESTER V | | Theory | Lab. |
| IT-311 | Web Technologies | 03 | 00 |
| IT-312 | Virtual Systems and Services | 03 | 01 |
| IT-313 | IT Supporting Course –2 | 03 | 00 |
| IT-314 | IT Elective –1 | 03 | 00 |
| IT-315 | IT-Elective-2 | 03 | 00 |
| ISL-316 | Translation of Quran/Ethics | 01 | 00 |
| TOTAL | | 16 | 01 |
| Semester Total | | 17.00 | |

| SEMESTER VI | | Theory | Lab. |
|-----------------------|--|--------------|-----------|
| IT-321 | Database Administration & Management | 03 | 01 |
| EG-322 | English-III / Business & Technical Writing | 03 | 00 |
| IT-323 | IT Project Management | 03 | 00 |
| IT-324 | IT-Elective-3 | 03 | 00 |
| IT-325 | IT-Elective-4 | 03 | 00 |
| TOTAL | | 15 | 01 |
| Semester Total | | 16.00 | |

| CODE | COURSE | C/Hr. | |
|-----------------------|-----------------------------------|--------------|-----------|
| SEMESTER VII | | Theory | Lab. |
| CS-411 | Final Year Project (In Progress) | 00 | 03 |
| IT-412 | System and Network Administration | 03 | 01 |
| IT-413 | IT Supporting Course –3 | 03 | 00 |
| IT-414 | IT-Elective-5 | 03 | 00 |
| IT-415 | Cyber Security | 03 | 00 |
| ISL-416 | Translation of Quran/Ethics | 01 | 00 |
| TOTAL | | 13.00 | 04 |
| Semester Total | | 17.00 | |

| SEMESTER VIII | | Theory | Lab. |
|-----------------------|--------------------------------|--------------|-----------|
| CS-421 | Final Year Project (Completed) | 00 | 03 |
| UE-422 | University Elective – 3 | 03 | 00 |
| UE-423 | University Elective – 4 | 03 | 00 |
| PP-424 | Professional Practices | 03 | 00 |
| TOTAL | | 03 | 00 |
| Semester Total | | 12.00 | 03 |
| | | 15.00 | |

UNIVERSITY OF CHAKWAL

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 |

2024 - 2025

FACULTY OF ENGINEERING & TECHNOLOGY



Department of
ELECTRONICS ENGINEERING

B.Sc.
ELECTRONICS
ENGINEERING (4-YEARS/8 SEMESTERS)

F A C U L T Y

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. | |
|-------------|-------------------------------------|--------|------|--------------|------------------------------------|--------|------|
| SEMESTER I | | | | SEMESTER III | | | |
| | | 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 | | TOTAL | 14 | 02 |
| | TOTAL | 14 | 04 | | Semester Total | 16.00 | |
| | Semester Total | 18.00 | | | | | |
| SEMESTER II | | | | SEMESTER IV | | | |
| | | 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 | | TOTAL | 14 | 03 |
| | TOTAL | 14 | 03 | | Semester Total | 17.00 | |
| | Semester Total | 17.00 | | | | | |

Department of
ELECTRONICS ENGINEERING

F A C U L T Y

B.Sc.
ELECTRONICS
ENGINEERING (4-YEARS/8 SEMESTERS)

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. | |
|----------------|--------------------------------|--------|------|----------------|--------------------------------|----------|------|
| SEMESTER V | | Theory | Lab. | SEMESTER VII | | 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 |
| TOTAL | | 15 | 03 | TOTAL | | 12 | 4/6 |
| Semester Total | | 18.00 | | Semester Total | | 16/18.00 | |

| | | | | | | | |
|----------------|--------------------------------|--------|------|----------------|--------------------------------|----------|------|
| SEMESTER VI | | Theory | Lab. | SEMESTER VIII | | 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 | TOTAL | | 09 | 4/5 |
| TOTAL | | 15 | 03 | Semester Total | | 13/14.00 | |
| Semester Total | | 18.00 | | | | | |

UNIVERSITY OF CHAKWAL

Department of
ELECTRONICS ENGINEERING

B.Sc.
ELECTRONICS
ENGINEERING

(4-YEARS/8 SEMESTERS)

F A C U L T Y



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 |

UNIVERSITY OF CHAKWAL

Department of
MECHATRONICS ENGINEERING

B.Sc.
MECHATRONICS
ENGINEERING (4-YEARS/8 SEMESTERS)

F A C U L T Y

Dr. Waheed Ur Rehman
Chairperson, Assistant Professor



Dr. Sheeraz Yaqub
Assistant Professor



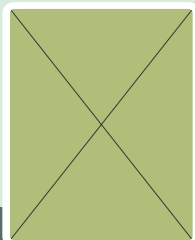
| CODE | COURSE | C/Hr. | | CODE | COURSE | C/Hr. | |
|-------------|----------------------------------|--------|------|--------------|---------------------------------------|--------|------|
| SEMESTER I | | Theory | Lab. | SEMESTER III | | Theory | Lab. |
| GS-111 | Calculus and Analytical Geometry | 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 | 03 | 01 |
| TOTAL | | 16.00 | | | Programming | | |
| | | | | HS-217 | Social Sciences Electives II | 02 | 00 |
| | | | | TOTAL | | 20.00 | |
| | | | | | | | |
| SEMESTER II | | Theory | Lab. | SEMESTER IV | | 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 | TOTAL | | 19.00 | |
| TOTAL | | 18.00 | | | | | |

UNIVERSITY OF CHAKWAL

Department of
MECHATRONICS ENGINEERING

B.Sc.
MECHATRONICS
ENGINEERING (4-YEARS/8 SEMESTERS)

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. | |
|-------------|--------------------------------------|--------|------|---------------|----------------------------------|--------|------|
| SEMESTER V | | | | SEMESTER VII | | | |
| | | 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 | | | |
| TOTAL | | 20.00 | | TOTAL | | 17.00 | |
| | | | | | | | |
| SEMESTER VI | | | | SEMESTER VIII | | | |
| | | 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 | TOTAL | | 09.00 | |
| MTE-326 | Control Systems | 03 | 01 | | | | |
| TOTAL | | 18.00 | | | | | |

UNIVERSITY OF CHAKWAL



Engr. Bilal Ahmed
Lab Engineer



Engr. M. Usama Farooq
Lab Engineer

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 |

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 |

Department of
**PETROLEUM & GAS
ENGINEERING**

B.Sc. PETROLEUM
& GAS ENGINEERING (4-YEARS/8 SEMESTERS)

F A C U L T Y



Dr. Nasir Khan
Chairperson, Assistant Professor



Engr. Akmal Khan
Lecturer



Engr. Muhammad Arslan
Lecturer

| CODE | COURSE | C/Hr. | | CODE | COURSE | C/Hr. | |
|----------------|---------------------------------------|-------|----|-----------------------|---|--------|------|
| SEMESTER I | | | | SEMESTER III | | | |
| 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 | 03 | 00 |
| EN-116 | Functional English | 2 | 00 | | Exploration | | |
| ME-117 | Workshop Practice | 0 | 02 | CH-216 | Applied Thermodynamics | 02 | 01 |
| ISL-122 | Translation Of Holy Quran | 1 | 00 | ISL-224 | Translation Of Holy Quran | 01 | 00 |
| TOTAL | | 15 | 03 | TOTAL | | 15.00 | 03 |
| Semester Total | | 18.00 | | Semester Total | | 18.00 | |
| SEMESTER II | | | | SEMESTER IV | | | |
| HS-121 | Communication Skills | 03 | 00 | | | Theory | Lab. |
| GE-122 | Applied Geology | 02 | 01 | PG-221 | Unconventional Reservoirs | 03 | 00 |
| GS-123 | Differential Equation | 03 | 00 | CE-222 | Mechanics of Materials | 02 | 01 |
| CH-124 | Applied Chemistry | 02 | 01 | PG-223 | Drilling Engineering-I | 03 | 01 |
| ME-125 | Engineering Drawing | 00 | 02 | PG-224 | Petrophysics | 03 | 01 |
| CS-126 | Computer Programming and | 02 | 01 | HS-225 | Professional Ethics | 03 | 00 |
| | Application Software | | | TOTAL | | 14.00 | 03 |
| TOTAL | | 12.00 | 05 | Semester Total | | 17.00 | |
| Semester Total | | 17.00 | | UNIVERSITY OF CHAKWAL | | | |

UNIVERSITY OF CHAKWAL

Department of
**PETROLEUM & GAS
ENGINEERING**

F A C U L T Y

Engr. Waqas Raza
Lab Engineer



Engr. Ahmed zafar
Lab Engineer



B.Sc. PETROLEUM
& GAS ENGINEERING (4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. | | CODE | COURSE | C/Hr. | |
|----------------|------------------------------------|--------|------|----------------|-------------------------------------|--------|------|
| SEMESTER V | | | | SEMESTER VII | | | |
| | | 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 |
| TOTAL | | 15.00 | 03 | TOTAL | | 12.00 | 07 |
| Semester Total | | 18.00 | | Semester Total | | 19.00 | |
| | | | | | | | |
| SEMESTER VI | | | | SEMESTER VIII | | | |
| | | 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 |
| TOTAL | | 13.00 | 04 | TOTAL | | 11.00 | 05 |
| Semester Total | | 17.00 | | Semester Total | | 16.00 | |

UNIVERSITY OF CHAKWAL

2024 - 25



FACULTY OF HUMANITIES & SOCIAL SCIENCES

Department of
ECONOMICS

F A C U L T Y



Dr. Moniba Sana
Chairperson, Assistant Professor



Dr. Waqar Muhammad Khan
Assistant Professor

BS ECONOMICS (4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER I

| | | |
|--------------|-----------------------------|--------------|
| ENG-111 | Functional English | 03 |
| ISL-110 | Islamic Studies/ Ethics | 02 |
| ECO-111 | Principle of Microeconomics | 03 |
| MTH-111 | Fundamentals of Mathematics | 03 |
| Code-115 | Diversification-I | 03 |
| Code-116 | Diversification-II | 03 |
| ISL-111 | Quran Translation/Ethics | 00 |
| TOTAL | | 17.00 |

SEMESTER II

| | | |
|--------------|------------------------------|--------------|
| ENG-121 | Communication Skills | 03 |
| ECO-121 | Principles Of Macroeconomics | 02 |
| PKS-122 | Pakistan Studies | 03 |
| ECO-124 | Statistics-I | 03 |
| Code-125 | Diversification-III | 03 |
| Code-126 | Diversification-IV | 03 |
| ISL-122 | Quran Translation/Ethics | 01 |
| TOTAL | | 18.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER III

| | | |
|--------------|--|--------------|
| ENG-211 | Technical Report Writing & Presentation Skills | 03 |
| ECO-212 | Intermediate Microeconomics | 03 |
| IT-101 | Introduction to Computer | 03 |
| SOC-214 | Introduction to Anthropology | 03 |
| Code-215 | Diversification- V | 03 |
| Code-216 | Diversification-VI | 03 |
| ISL-213 | Quran Translation/Ethics | 00 |
| TOTAL | | 18.00 |

SEMESTER IV

| | | |
|--------------|------------------------------|--------------|
| POL-221 | Introduction To Human Rights | 03 |
| ECO-222 | Intermediate Macroeconomics | 03 |
| ECO-223 | Statistic-II | 03 |
| ECO-224 | Issues In World Economy | 03 |
| Code-225 | Diversification-VII | 03 |
| Code-226 | Diversification-VIII | 03 |
| ISL-224 | Quran Translation/Ethics | 01 |
| TOTAL | | 19.00 |

UNIVERSITY OF CHAKWAL

| CODE | COURSE | C/Hr. | CODE | COURSE | C/Hr. |
|--------------------|--------------------------|--------------|----------------------|---|-------|
| SEMESTER V | | | SEMESTER VII | | |
| 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 |
| | TOTAL | 15.00 | ISL-417 | Quran Translation/Ethics | 00 |
| | | | TOTAL | 15.00 | |
| SEMESTER VI | | | SEMESTER VIII | | |
| 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 |
| | TOTAL | 15.00 | TOTAL | 16.00 | |

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 | |

Department of
ENGLISH

F A C U L T Y

BS ENGLISH (4-YEARS/8 SEMESTERS)



Mr. Sajjad Hussain
Chairperson, Assistant Professor



Mr. Syed Sibte-Ul-Hassan
Assistant Professor



Mr. Muhammad Imran
Assistant Professor



Mr. Mumtaz Ali
Assistant Professor

| CODE | COURSE | C/Hr. | CODE | COURSE | C/Hr. |
|--------------------|--------------------------------------|--------------|---------------------|---------------------------------|--------------|
| SEMESTER I | | | SEMESTER III | | |
| 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 |
| TOTAL | | 17.00 | TOTAL | | 19.00 |
| SEMESTER II | | | SEMESTER IV | | |
| 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 |
| TOTAL | | 18.00 | TOTAL | | 18.00 |

UNIVERSITY OF CHAKWAL

Mr. Tariq Mehmood
Lecturer



Mr. Mubashar Hassan
Lecturer



Mr. Syed Ali Raza
Lecturer



| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER V

| | | |
|--------------|----------------------------|--------------|
| ENG-352 | Shakespearean Drama | 03 |
| ENG-353 | Literary Criticism | 03 |
| ENG-354 | Discourse Analysis | 03 |
| ENG-351 | Citizenship & Human Rights | 03 |
| ENG-356 | Applied Linguistics | 03 |
| ENG-357 | Stylistics | 03 |
| ISL-326 | Translation Of Holy Quran | 01 |
| TOTAL | | 19.00 |

SEMESTER VI

| | | |
|--------------|--------------------------------------|--------------|
| ENG-362 | Modern Drama | 03 |
| ENG-366 | Modern Novel | 03 |
| ENG-361 | Romantic Poetry | 03 |
| ENG-364 | ESP (English for Specific Purposes) | 03 |
| ENG-367 | Research Methodology | 03 |
| ENG-363 | Women Writings | 03 |
| TOTAL | | 18.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER VII

| | | |
|--------------|---------------------------------------|--------------|
| ENG-476 | Critical Theories | 03 |
| ENG-475 | Islam and Western Literature | 03 |
| ENG-474 | American Literature | 03 |
| ENG-471 | Pakistani Poetry and Prose in English | 03 |
| ENG-472 | 20th Century Poetry | 03 |
| ISL-428 | Translation Of Holy Quran | 01 |
| TOTAL | | 16.00 |

SEMESTER VII

| | | |
|--------------|---------------------------------|--------------|
| ENG-482 | Post-Colonial Literature | 03 |
| ENG-483 | Post Modern Fiction | 03 |
| ENG-485 | World Literature in Translation | 03 |
| ENG-486 | Pakistani Novel in English | 03 |
| ENG-487 | Micro teaching and Lesson Plan | 03 |
| TOTAL | | 15.00 |

Department of
INTERNATIONAL RELATIONS

F A C U L T Y



Mr. Shakeel ur Rehman
Chairperson, Assistant Professor



Mr. Ashfaq Ahmad Khan
Assistant Professor

BS
INTERNATIONAL
RELATIONS (4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER I

| | | |
|--------------|---|--------------|
| ENG-111 | English-I (C-1) | 03 |
| PAK-112 | Pakistan Studies (C-2) | 02 |
| MTH-113 | Introduction to Mathematics (C-3) | 03 |
| POL-114 | Introduction to Political Science (G-1) | 03 |
| ECO-US | Introduction to Economics (G-2) | 03 |
| IR-116 | Introduction to International Relations (F-1) | 03 |
| ISL-117 | Quran Translation | NC |
| TOTAL | | 17.00 |

SEMESTER II

| | | |
|--------------|--|--------------|
| ENG-121 | English-II (C-4) | 03 |
| ISL-122 | Islamic Studies (C-5) | 02 |
| STAT-123 | Introduction To Statistics (C-6) | 03 |
| MCM-124 | Introduction to Mass Communication (G-3) | 03 |
| GEO-125 | Introduction to Geography (G-4) | 03 |
| IR-126 | Evolution of State (F-2) | 03 |
| ISL-127 | Quran Translation | 01 |
| TOTAL | | 18.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER III

| | | |
|--------------|--|--------------|
| ENG-211 | English-III (C-6) | 03 |
| SCI-212 | Introduction To Computer Skills (C-7) | 03 |
| SOC-213 | Introduction to Sociology (G-5) | 03 |
| HIS-214 | Introduction to History (G-6) | 03 |
| IR-215 | Approaches & Theories of International Relations (F-3) | 03 |
| IR-216 | International Relations: 1648-1945 (F-4) | 03 |
| ISL-217 | Quran Translation | NC |
| TOTAL | | 18.00 |

SEMESTER IV

| | | |
|--------------|---|--------------|
| ENG/EDS-221 | English-IV / Univ. Option / Everyday Science | 03 |
| XXX-222 | General - (G-7) | 03 |
| IR-223 | Globalization & International Relations (F-5) | 03 |
| IR-224 | International Relations Since 1945 (F-6) | 03 |
| IR-225 | GEO Political Structure Of The World (F-7) | 03 |
| IR-226 | Public International Law-I (F-8) | 03 |
| ISL-227 | Quran Translation | 01 |
| TOTAL | | 19.00 |

UNIVERSITY OF CHAKWAL

Department of
INTERNATIONAL RELATIONS

BS
INTERNATIONAL
RELATIONS (4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER V

| | | |
|--------------|---|--------------|
| IR-311 | Foreign Policy Analysis (M-I) | 03 |
| IR-312 | Introduction to International Security (F-9) | 03 |
| IR-313 | Research Methodology (F-10) | 03 |
| IR-314 | Regional and International Organizations (F-10) | 03 |
| IR-315 | Public International Law-II (F-12) | 03 |
| IR-316 | International Political Economy (M-2) | 03 |
| ISL-317 | Quran Translation | NC |
| TOTAL | | 18.00 |

SEMESTER VI

| | | |
|--------------|--|--------------|
| IR-321 | Foreign Policy of Pakistan (M-3) | 03 |
| IR-322 | Strategic Studies (M-4) | 03 |
| IR-323 | International Politics of Human Rights (M-5) | 03 |
| IR-324 | Diplomacy (M-6) | 03 |
| IR-325 | Conflict Management & Resolution (M-7) | 03 |
| IR-326 | Comparative Politics (M-8) | 03 |
| ISL-327 | Quran Translation | 01 |
| TOTAL | | 19.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER VII

| | | |
|--------------|--|--------------|
| IR-411 | Comparative Foreign Policies of US, Russia and China (M-9) | 03 |
| IR-412 | Nuclear Studies (M-10) OR | 03 |
| IR-413 | Regional Connectivity & CPEC (M-10) | |
| IR-414 | Elective-I | 03 |
| IR-415 | Elective-II | 03 |
| IR-416 | Research Thesis (M-11) OR | 03 |
| | International Politics of Environment (M-11) | |
| ISL-417 | Quran Translation | NC |
| TOTAL | | 15.00 |

SEMESTER VIII

| | | |
|--------------------|---|---------------|
| IR-421 | Research Thesis OR Research Report | 03 |
| | OR Govt. & Politics Of Pakistan (M-12) | |
| IR-422 | Arms Control, Disarmament & | 03 |
| IR-423 | Nuclear Non-proliferation (M-13) | |
| IR-424 | Dynamics Of Kashmir Conflict (M-14) | 03 |
| | OR Peace Studies (M-14) | |
| IR-425 | Elective-III | 03 |
| IR-426 | Elective-IV | 03 |
| ISL-426 | Quran Translation | 01 |
| TOTAL | | 16.00 |
| GRAND TOTAL | | 140.00 |

UNIVERSITY OF CHAKWAL

Department of
ISLAMIC STUDIES

F A C U L T Y



Dr. Hafiz Muhammad Hassan
Chairperson, Assistant Professor



Dr Hafiz Muhammas Ishaq
Assistant Professor

BS
ISLAMIC
STUDIES (4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER I

| | | |
|--------------|--------------------------------|--------------|
| ISL-111 | Islamic Studies / Ethics(comp) | 02 |
| | Introduction to the topics of | |
| ISL-112 | Holy Quran | 03 |
| ISL-113 | Arabic Language I | 03 |
| ECO-101 | Economic I | 03 |
| SOC-111 | Sociology I | 03 |
| ENG-111 | English I | 03 |
| TOTAL | | 17.00 |

SEMESTER II

| | | |
|--------------|---------------------------|--------------|
| ISL-122 | Translation of Holy Quran | 01 |
| Pk-112 | Pakistan Studies | 02 |
| MATH-121 | Mathematics | 03 |
| ISL-121 | Arabic Language II | 03 |
| ECO-210 | Economic II | 03 |
| SOC-121 | Sociology II | 03 |
| ENG-121 | English-II | 03 |
| TOTAL | | 18.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER III

| | | |
|--------------|---------------------------------|--------------|
| ISL-211I | Ulum -al- Quran | 03 |
| SL-212 | History & Compilation of Hadith | 03 |
| ENG-211 | English-III | 03 |
| IT-101 | Introduction to Computer | 03 |
| LLB-115 | Introduction to Law | 03 |
| MCM-101 | Mass Communication | 03 |
| TOTAL | | 18.00 |

SEMESTER IV

| | | |
|--------------|---|--------------|
| ISL-224 | Translation of Holy Quran | 01 |
| ISL-221 | Ulum -al-Hadith | 03 |
| ISL-222 | Arabic Language III | 03 |
| ISL-223 | Usool-e-Fiqh | 03 |
| IT-102 | Fundamentals of Information Systems (FIS) | 03 |
| URDU-324 | Urdu(Iqbaliat) | 03 |
| STAT-101 | Intrduction to Statstcis | 03 |
| TOTAL | | 19.00 |

UNIVERSITY OF CHAKWAL

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER V

| | | |
|--------------|---------------------------------------|--------------|
| ISL-310 | Study of Sirah of Holy Prophet (PBUH) | 03 |
| ISL-311 | Textual Study of al-Quran-I | 03 |
| ISL-312 | Textual Study of Hadith-I | 03 |
| ISL-313 | History of Tafsir and its Principles | 03 |
| ISL-314 | History of Fiqh | 03 |
| ISL-316 | Arabic Through Quranic Text | 03 |
| TOTAL | | 18.00 |

SEMESTER VI

| | | |
|--------------|-------------------------------------|--------------|
| ISL-326 | Translation of Holy Quran | 01 |
| ISL-321 | Textual Study of al-Quran-II | 03 |
| ISL-322 | Textual Study of Hadith-II | 03 |
| ISL-323 | Textual Study of Muslim Family Laws | 03 |
| ISL-324 | Introduction to World Religions | 03 |
| ISL-325 | Ethics of Disagreement in Islam | 03 |
| ISL-327 | Islam & Science | 03 |
| TOTAL | | 19.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER VII

| | | |
|--------------|--|--------------|
| ISL-411 | Textual Study of Quran III | 02 |
| ISL-412 | Methodology of Research in Islamic Studies | 03 |
| ISL-413 | Objectives of Shariah | 03 |
| ISL-414 | Study of Selected Commentaries of Hadith | 03 |
| ISL-415 | Study of Islamic Fiqh I (الجنایات) | 03 |
| ISL-416 | Cultural History of Islam | 03 |
| TOTAL | | 17.00 |

SEMESTER VIII

| | | |
|--------------|---------------------------------------|--------------|
| ISL-428 | Translation of Holy Quran | 01 |
| ISL-421 | Al- Dawah wal Irshad | 03 |
| ISL-422 | Study of Islamic Fiqh II (الجنایات) | 03 |
| ISL-423 | Philosophy and 'Ilm al-Kalam | 03 |
| ISL-424 | Islamic Morals | 03 |
| ISL-425 | Islamic Economics | 03 |
| ISL-430 | Thesis/Research Project (Optional) | 06 |
| TOTAL | | 16.00 |

Department of
SOCIOLOGY

F A C U L T Y

Dr. Malik Muhammad Sohail
Chairperson, Assistant Professor



Mr. Muhammad Masood
Assistant Professor



Ms. Aimen Mahmood Butt
Lecturer



Mr. Nasir Mehmood Khan
Lecturer



BS SOCIOLOGY (4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER I

| | | |
|--------------|--|--------------|
| ENG-111 | English-i | 03 |
| PAK-112 | Pakistan Studies | 02 |
| MATH-115 | Mathematics | 03 |
| SOC-113 | Social Works (g-i) | 03 |
| POL-116 | Intro To Political Science (g-ii) | 03 |
| SOC-111 | Foundation-i Introduction To Sociology-i | 03 |
| ISI-110 | The Holy Quran With Translation | 01 |
| TOTAL | | 18.00 |

SEMESTER II

| | | |
|--------------|--|--------------|
| ENG-121 | English-II | 03 |
| ISL-122 | Islamic Studies / Ethics | 02 |
| STAT-123 | Social Statistics | 03 |
| ECO-124 | Introduction To Economics (g-III) | 03 |
| IR-124 | Introduction to International Relations (G-IV) | 03 |
| SOC-121 | Foundation-II | 03 |
| | Introduction To Sociology | |
| TOTAL | | 18.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER III

| | | |
|--------------|--------------------------------------|--------------|
| ENG-211 | English-III | 03 |
| CS-212 | Introduction To Computer | 03 |
| LAW-213 | Introduction To Law (g-v) | 03 |
| PSY-214 | Introduction To Psychology (g-vi) | 03 |
| SOC-211 | Foundation-iii Sociological Theories | 03 |
| ISI-210 | The Holy Quran With Translation | 01 |
| TOTAL | | 16.00 |

SEMESTER IV

| | | |
|--------------|-------------------------------|--------------|
| SOC-224 | INTERNSHIP * | 03 |
| | ENGLISH-IV / UNIV. OPTIONAL | 03 |
| | GENERAL-VII | 03 |
| SOC-225 | Foundation-iv INTRODUCTION TO | 03 |
| | SOCIAL RESEARCH | |
| SOC-222 | FOUNDATION-V PAKISTANI | 03 |
| | SOCIETY AND CULTURE | |
| SOC-223 | FOUNDATION-VI GENDER STUDIES | 03 |
| TOTAL | | 18.00 |

UNIVERSITY OF CHAKWAL

Note:

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

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER V

| | | |
|--------------|--|--------------|
| 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 |
| TOTAL | | 16.00 |

SEMESTER VI

| | | |
|--------------|---|--------------|
| 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 |
| TOTAL | | 16.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER VII

| | | |
|--------------|---|--------------|
| 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 | Ective-II Sociology Of Family Marriage | 03 |
| TOTAL | | 15.00 |

SEMESTER VIII

| | | |
|--------------|--|--------------|
| 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 |
| TOTAL | | 22.00 |

GRAND Total 137.00

UNIVERSITY OF CHAKWAL



Dr. Ghulam Fareed
Assistant Professor



Dr. Arshad Mehmood
Chairperson, Assistant Professor



Dr. Jamshaid Ali
Lecturer

CODE COURSE C/Hr.

SEMESTER I

| | | |
|----------|----------------------------|-------|
| 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 |

SEMESTER II

| | | |
|----------|---------------------------|-------|
| ENG-121 | انگلش-II | 03 |
| CSI-212 | کمپیوٹر-II | 03 |
| ECO-125 | معاشیات (اکنامکس) | 03 |
| ENV- | ماحولیات (انوائرمنٹ) | 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.

SEMESTER III

| | | |
|----------|--------------------------|-------|
| 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 |

SEMESTER IV

| | | |
|-----------|--------------------------|-------|
| 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 |



Mr. Gulam Muhayyudin
Lecturer



Mr. Sajid Iqbal
Lecturer



Mr. Azmat Shehzad
Lecturer

CODE COURSE C/Hr.

SEMESTER V

| | | |
|----------|--|-------|
| URDU-311 | تاریخ ادب 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 |
| TOTAL | | 18.00 |

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 |
| TOTAL | | 16.00 |

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 |
| TOTAL | | 18.00 |

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 |
| TOTAL | | 22.00 |

| 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 تانیثی مطالعہ |
| URDU-429 | معاصر شعری ادب |
| URDU-430 | معاصر نثری ادب |



FACULTY OF LAW



Dr. Ghufraan Ahmed
Assistant Professor



Dr. Shumaila Mir
Chairperson, Assistant Professor



Mr. Muhammad Junaid Ilyas
Lecturer



Ms. Asmara Farzand
Lecturer



| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER I

| | | |
|--------------|---------------------------|--------------|
| LLB 111 | English-I | 03 |
| LLB 112 | Pakistan Studies | 02 |
| LLB 113 | Introduction to Sociology | 03 |
| LLB 114 | Fundamentals of Economics | 03 |
| LLB 115 | Introduction to Law | 03 |
| LLB 116 | Skills Development | 03 |
| TOTAL | | 17.00 |

SEMESTER II

| | | |
|--------------|---------------------------------|--------------|
| LLB 121 | English –II | 03 |
| LLB 122 | Islamic Studies/Ethics | 02 |
| LLB 123 | Principles Of Political Science | 03 |
| LLB 124 | Legal System Of Pakistan | 03 |
| LLB 125 | History (south Asia) | 03 |
| LLB 126 | Law Of Torts- I | 03 |
| TOTAL | | 17.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER III

| | | |
|--------------|-------------------------------------|--------------|
| LLB 211 | English-III | 03 |
| LLB 212 | Introduction to Logic and Reasoning | 03 |
| LLB 213 | Islamic Jurisprudence-I | 03 |
| LLB 214 | Law of Torts-II | 03 |
| LLB 215 | Law of Contract-I | 03 |
| LLB 216 | Constitutional Law-I (UK) | 03 |
| TOTAL | | 18.00 |

SEMESTER IV

| | | |
|--------------|----------------------------|--------------|
| LLB 221 | Human Rights Law | 03 |
| LLB 222 | Constitutional Law-II (US) | 03 |
| LLB 223 | Law Of Contract-II | 03 |
| LLB 224 | Islamic Jurisprudence –II | 03 |
| LLB 225 | Introduction To Psychology | 03 |
| TOTAL | | 15.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER V

| | | |
|--------------|-----------------------------------|--------------|
| 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 |
| TOTAL | | 15.00 |

SEMESTER VI

| | | |
|--------------|-------------------------------|--------------|
| 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 |
| TOTAL | | 15.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

SEMESTER VII

| | | |
|--------------|---|--------------|
| 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 |
| TOTAL | | 18.00 |

SEMESTER VIII

| | | |
|--------------|-----------------------------|--------------|
| 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 |
| TOTAL | | 18.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

INTERNSHIP

| | | |
|--|--|----|
| | After completion of 8th semester and before 10th semester (During Summer Vacations) | 03 |
|--|--|----|

SEMESTER IX

| | | |
|--------------|------------------------------------|--------------|
| 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 |
| TOTAL | | 15.00 |

SEMESTER X

| | | |
|--------------------|--|---------------|
| 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 |
| TOTAL | | 15.00 |
| Grand Total | | 166.00 |

2024 - 25

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 |
|------|--------|--------|-----|
|------|--------|--------|-----|

SEMESTER I

| | | | |
|------------|---|---|---|
| HND-111 | Fundamental of Human Nutrition | 3 | 0 |
| FST-112 | Essentials of Food Science & Technology | 2 | 1 |
| BIO/ | Mathematics OR | 3 | 0 |
| MTH-113 | Essential Biology | 2 | 1 |
| ENG-114 | English-I | 3 | 0 |
| BIOCHEM115 | Introductory Biochemistry | 2 | 1 |
| PAK-116 | Pakistan Studies | 2 | 0 |

TOTAL

20.00

SEMESTER II

| | | | |
|------------|------------------------------------|---|---|
| HND-121 | Macro-nutrients in Human Nutrition | 3 | 0 |
| ENG-122 | English-II | 3 | 0 |
| SSH-123 | Islamic Studies/Ethics | 2 | 0 |
| ANATOMY124 | Human Anatomy | 3 | 1 |
| PHYSIO-125 | Human Physiology-I | 2 | 1 |
| SOC-126 | Fundamentals of Sociology | 2 | 0 |

TOTAL

16.00

| CODE | COURSE | Theory | Lab |
|------|--------|--------|-----|
|------|--------|--------|-----|

SEMESTER III

| | | | |
|-------------|------------------------------------|---|---|
| HND-211 | Micro-nutrients in Human Nutrition | 3 | 0 |
| PHYSIO-122 | Human Physiology-II | 2 | 1 |
| ENG-122 | English-III | 3 | 0 |
| PBG/ABG-124 | Introduction to Molecular Genetics | 2 | 1 |
| FST-125 | Food Microbiology | 2 | 1 |
| FST-126 | Food Safety & Quality Management | 2 | 0 |

TOTAL

17.00

SEMESTER IV

| | | | |
|----------|---|---|---|
| STAT-221 | Bio-Statistics | 2 | 1 |
| CS-222 | Computer Science & Information Technology | 2 | 1 |
| HND-223 | Assessment of Nutritional Status | 2 | 1 |
| HND-224 | Nutrition Through the Life Cycle | 3 | 0 |
| PATH-225 | General Pathology | 2 | 1 |
| FST-226 | Food Analysis | 1 | 2 |

TOTAL

18.00

UNIVERSITY OF CHAKWAL

Department of
**HUMAN NUTRITION
& DIETETICS**

BS HND

(4-YEARS/8 SEMESTERS)

| CODE | COURSE | Theory | Lab |
|-------------------|-------------------------------------|--------------|-----|
| SEMESTER V | | | |
| 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 |
| TOTAL | | 17.00 | |

SEMESTER VI

| | | | |
|--------------|-------------------------------------|--------------|---|
| 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 |
| TOTAL | | 17.00 | |

| CODE | COURSE | Theory | Lab |
|---------------------|---------------------------------------|--------------|-----|
| SEMESTER VII | | | |
| 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 |
| | | 12.00 | |

Elective Course (2 Courses equal to 5 Credit Hours)

| | | | |
|----------|-----------------------------|--------------|---|
| 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 |
| | | 13.00 | |

SEMESTER VIII

| | | | |
|--|----------------------------------|--------------|---|
| HND-421 | Internship/Project | 0 | 6 |
| HND-422 | Nutrition Policies and Programs | 3 | 0 |
| HND-423 | Food Service Management | 3 | 0 |
| | | 12.00 | |
| Elective Course (2 Courses equal to 5 Credit Hours) | | | |
| 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 |
| | | 12.00 | |

UNIVERSITY OF CHAKWAL



2024 - 25



FACULTY OF PHARMACY



Dr. Asif Mahmood
Chairperson, Assistant Professor



Dr. Muhammad Imran
Assistant Professor



Dr. Waleed Shakeel
Lecturer



Dr. Urfa Nasir Ch.
Lecturer

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

1st Professional Pharm.D

| CODE | COURSE | Theory | Lab | CODE | COURSE | Theory | Lab |
|-------------------|--|--------------|-----|--------------------|--|--------------|-----|
| SEMESTER I | | | | SEMESTER II | | | |
| 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 | Total | | 20.00 | |
| Total | | 22.00 | | | | | |

2nd Professional Pharm.D.

| | | | | | | | |
|-------------------|---|--------------|---|--------------------|--|--------------|---|
| SEMESTER I | | | | SEMESTER II | | | |
| 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 | TOTAL | | 21.00 | |
| TOTAL | | 22.00 | | | | | |

3rd Professional Pharm.D.

| CODE | COURSE | Theory | Lab | CODE | COURSE | Theory | Lab |
|-------------------|---|--------------|-----|--------------------|---|--------------|-----|
| SEMESTER I | | | | SEMESTER II | | | |
| 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 |
| Total | | 20.00 | | Total | | 19.00 | |

4th Professional Pharm.D.

| | | | | | | | |
|-------------------|--|--------------|---|--------------------|--|--------------|---|
| SEMESTER I | | | | SEMESTER II | | | |
| 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 |
| TOTAL | | 19.00 | | TOTAL | | 21.00 | |

5th (Final) Professional Pharm. D.

| CODE | COURSE | Theory | Lab | CODE | COURSE | Theory | Lab |
|-------------------|--|--------------|-----|--------------------|--|--------|--------------|
| SEMESTER I | | | | SEMESTER II | | | |
| 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) | | 19.00 |
| Total | | 18.00 | | Total | | | |

Pharm.D. Five-Year Credit Hours Summary:

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

2024 -25



**FACULTY OF
SCIENCES**

Department of
BOTANY

F A C U L T Y

BS BOTANY (4-YEARS/8 SEMESTERS)



Dr. Muhammad Iqbal
Chairperson, Assistant Professor



Dr. Huma Qureshi
Assistant Professor

| CODE | COURSE | Theory Lab | |
|------------|---|------------|----|
| SEMESTER I | | | |
| 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 |
| TOTAL | | 18.00 | |

| | | | |
|--------------------|--|--------------|----|
| SEMESTER II | | | |
| 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 |
| TOTAL | | 19.00 | |

| CODE | COURSE | Theory Lab | |
|--------------|--|------------|----|
| SEMESTER III | | | |
| 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 |
| TOTAL | | 16.00 | |

| | | | |
|--------------------|-------------------------------------|--------------|----|
| SEMESTER IV | | | |
| 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 |
| TOTAL | | 18.00 | |

UNIVERSITY OF CHAKWAL

| CODE | COURSE | Theory Lab | |
|------------|------------------------------------|------------|----|
| SEMESTER V | | | |
| 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 |
| TOTAL | | 18.00 | |

| | | | |
|--------------------|-------------------------------------|--------------|----|
| SEMESTER VI | | | |
| 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 |
| TOTAL | | 16.00 | |

| CODE | COURSE | Theory Lab | |
|--------------|--------------------------------------|------------|----|
| SEMESTER VII | | | |
| 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 |
| TOTAL | | 15.00 | |

| | | | |
|----------------------|---------------------------------------|--------------|----|
| SEMESTER VIII | | | |
| 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 |
| TOTAL | | 16.00 | |

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.

Department of
CHEMISTRY

F A C U L T Y

Dr. Saeed Ahmed
Chairperson ,Assistant Professor



BS CHEMISTRY (4-YEARS/8 SEMESTERS)

| CODE | COURSE | Theory | Lab |
|------|--------|--------|-----|
|------|--------|--------|-----|

SEMESTER I

| | | | |
|----------|--------------------------------------|-------|----|
| 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 |
| TOTAL | | 18.00 | |

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 |
| TOTAL | | 19.00 | |

| CODE | COURSE | Theory | Lab |
|------|--------|--------|-----|
|------|--------|--------|-----|

SEMESTER III

| | | | |
|----------|--|-------|----|
| 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 |
| TOTAL | | 19.00 | |

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 |
| TOTAL | | 19.00 | |

UNIVERSITY OF CHAKWAL

| CODE | COURSE | Theory Lab | |
|------------|-------------------------|------------|----|
| SEMESTER V | | | |
| 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 |
| TOTAL | | 15.00 | |

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 |
| TOTAL | | 16.00 | |

| CODE | COURSE | Theory Lab | |
|--|--|------------|----|
| SEMESTER VII | | | |
| (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 |
| | TOTAL | 18.00 | |

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 |
| TOTAL | | 18.00 | |

| CODE | COURSE | Theory Lab | |
|----------------------------------|---|------------|----|
| SEMESTER VII | | | |
| (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 |
| | TOTAL | 18.00 | |

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 |
| | TOTAL | 18.00 | |

| CODE | COURSE | Theory Lab | |
|---------------------------------------|---|------------|----|
| SEMESTER VII | | | |
| (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 |
| | TOTAL | 18.00 | |

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 |
| | TOTAL | 18.00 | |

| CODE | COURSE | Theory Lab | |
|--|---|------------|----|
| SEMESTER VIII | | | |
| (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 |
| | TOTAL | 19.00 | |

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 |
| | TOTAL | 19.00 | |

| CODE | COURSE | Theory Lab | |
|----------------------------------|---|------------|----|
| SEMESTER VIII | | | |
| (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 |
| | TOTAL | 19.00 | |

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 |
| | TOTAL | 19.00 | |

| CODE | COURSE | Theory Lab | |
|---------------------------------------|---|------------|----|
| SEMESTER VIII | | | |
| (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 |
| | TOTAL | 19.00 | |

| CODE | COURSE | Theory Lab | |
|--|--|------------|----|
| SEMESTER VIII | | | |
| (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 |
| | TOTAL | 19.00 | |

- 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.

Department of
MATHEMATICS

F A C U L T Y



Dr. Azhar Hussain
Chairperson, Assistant Professor



Mr. Nawab Khan
Assistant Professor

BS MATHEMATICS (4-YEARS/8 SEMESTERS)

| CODE | COURSE | Theory | Lab |
|-------------------|--|--------------|-----|
| SEMESTER I | | | |
| 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 |
| TOTAL | | 19.00 | |

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 |
| TOTAL | | 18.00 | |

| CODE | COURSE | Theory | Lab |
|---------------------|--------------------|--------------|-----|
| SEMESTER III | | | |
| 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 |
| TOTAL | | 16.00 | |

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 |
| TOTAL | | 16.00 | |

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 |
| TOTAL | | 15.00 | |

UNIVERSITY OF CHAKWAL

| CODE | COURSE | Theory Lab | |
|-------------|----------------------|------------|----|
| SEMESTER VI | | | |
| 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 |
| TOTAL | | 15.00 | |

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 |
| TOTAL | | 15.00 | |

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 |
| TOTAL | | 15.00 | |

| CODE | COURSE | Theory Lab | |
|---|------------------------------|------------|----|
| List A Concentration Elective Courses in Pure Mathematics | | | |
| 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 |
| TOTAL | | 18.00 | |

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 |
| TOTAL | | 24.00 | |

List C List of Free Elective Courses

| | | | |
|--------------|--|--------------|----|
| MATH-430 | Numerical Solution of Partial differential equations | 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 |
| TOTAL | | 33.00 | |

* 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.

Department of
PHYSICS

F A C U L T Y

Mr. Ch. Azmat Ali
Chairperson



Mr. Hamayun Bashir
Visiting Faculty, Assistant Professor



BS PHYSICS

(4-YEARS/8 SEMESTERS)

| CODE | COURSE | C/Hr. |
|-------------------|-----------------------------------|--------------|
| SEMESTER I | | |
| ENG-111 | English-I Grammar | 03 |
| MATH-111 | Calculus -I | 03 |
| IT-101 | Introduction to Computers | 03 |
| PHY-111 | Mechanics | 04 |
| ISL-111 | Islamic Studies | 02 |
| PHY-112 | Mechanics & Fluid Lab-I | 01 |
| ISL-122 | Translation of Holy Quran | 00 |
| | Introduction to Political Science | 03 |
| TOTAL | | 19.00 |

| | | |
|--------------------|-------------------------------|--------------|
| SEMESTER II | | |
| ENG-121 | English-II | 03 |
| MATH-121 | Calculus-II | 03 |
| PHY-121 | Electricity & Magnetism | 03 |
| PHY-122 | Heat & Thermodynamics | 03 |
| PKS-112 | Pakistan Studies | 02 |
| PHY-123 | Electricity & Magnetism Lab-I | 04 |
| ISL-122 | Translation of Holy Quran | 01 |
| | Introduction to Sociology | 03 |
| TOTAL | | 20.00 |

| CODE | COURSE | C/Hr. |
|---------------------|-----------------------------|--------------|
| SEMESTER III | | |
| ENG-211 | English-III(Literary Study) | 03 |
| MATH-211 | Linear Algebra | 03 |
| PHY-211 | Waves & Oscillation | 03 |
| PHY-212 | Modern Physics | 03 |
| | Physical Chemistry | 03 |
| PHY-213 | Heat Waves & Sound Lab-II | 01 |
| ISL-224 | Translation of Holy Quran | 00 |
| TOTAL | | 16.00 |

| | | |
|--------------------|-----------------------------------|--------------|
| SEMESTER IV | | |
| MATH-221 | Differential Equations | 03 |
| STAT-205 | Probability & Statistics | 03 |
| PHY-221 | Optics | 03 |
| | Inorganic Chemistry | 03 |
| | Fundamental of Information System | 03 |
| PHY-222 | Optics-Lab IV | 01 |
| ISL-224 | Translation of Holy Quran | 01 |
| TOTAL | | 17.00 |

UNIVERSITY OF CHAKWAL

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

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 |
| TOTAL | | 17.00 |

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 |
| TOTAL | | 18.00 |

| CODE | COURSE | C/Hr. |
|------|--------|-------|
|------|--------|-------|

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 |
| TOTAL | | 17.00 |

SEMESTER VIII

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

PHYSICS Elective Courses

| CODE | COURSE | Cr/Hr. |
|---------|--|--------|
| 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 |

F A C U L T Y



Dr. Sajid Mahmood
Chairperson, Assistant Profesor



Dr. Syeda Nadia Ahmad
Assistant Profesor



Ms. Iqra Javed
Lecturer



Mr. Bilal Mukhtar
Lecturer

CODE COURSE Theory Lab

SEMESTER I

| | | | |
|--------------|---|--------------|----|
| ZOL-111 | Animal Diversity-I (Invertebrate) | 03 | 01 |
| BOT-116 | Diversity of Plants & Related Life | 03 | 00 |
| CHEM-116 | Inorganic Chemistry-I | 03 | 00 |
| ENG-101 | English-I/Grammar | 03 | 00 |
| PKS-112 | Pakistan Studies | 02 | 00 |
| CS-111 | Introduction to Information and Communication Technologies | 02 | 01 |
| TOTAL | | 18.00 | |

SEMESTER II

| | | | |
|--------------|------------------------------------|--------------|----|
| ZOL-122 | Animal Diversity-II (Chordates) | 03 | 01 |
| ZOL-123 | Cell Biology Plant | 02 | 01 |
| BOT-126 | Systematics, Anatomy & Development | 03 | 00 |
| CHEM-126 | Organic Chemistry-I | 03 | 00 |
| ENG-121 | English-II/Communication Skills | 03 | 00 |
| ISL-111 | Islamic Studies/Ethics | 02 | 00 |
| ISL-122 | Translation of Quran/Ethics | 01 | 00 |
| TOTAL | | 20.00 | |

CODE COURSE Theory Lab

SEMESTER III

| | | | |
|--------------|--|--------------|----|
| ZOL-211 | Animal Form & Function-I | 04 | 00 |
| ZOL-212 | Evolution | 02 | 00 |
| CHEM-217 | Physical Chemistry-I | 03 | 00 |
| SOC-111 | Introduction to Sociology-I Science/Geography/Uni option*** | 03 | 00 |
| BOT-224 | Plant physiology & Ecology | 03 | 00 |
| ENG-211 | English-III/Introduction to literature | 03 | 00 |
| TOTAL | | 18.00 | |

SEMESTER IV

| | | | |
|--------------|-----------------------------|--------------|----|
| ZOL-221 | Biochemistry-I | 03 | 00 |
| ZOL-222 | Animal Form & Function-II | 04 | 00 |
| ZOL-223 | Animal Behavior | 03 | 00 |
| MATH-111 | Mathematics | 03 | 00 |
| STAT-101 | Introduction to Statistics | 03 | 00 |
| ISL-224 | Translation of Quran/Ethics | 01 | 00 |
| TOTAL | | 17.00 | |

| CODE | COURSE | Theory Lab | | CODE | COURSE | Theory Lab | |
|-------------|-----------------------------|------------|----|---------------|---|------------|----|
| SEMESTER V | | | | SEMESTER VII | | | |
| ZOL-311 | Economic Zoology | 03 | 00 | ZOL-411 | Microbiology/Special Paper A1*/ | 03 | 00 |
| ZOL-312 | Biochemistry-II | 03 | 00 | | Research/Internship Report/ Uni option | | |
| ZOL-313 | Biological Techniques | 03 | 00 | ZOL-412 | Wildlife | 03 | 00 |
| ZOL-314 | Ecology | 03 | 00 | ZOL-413 | Molecular Biology | 03 | 00 |
| ZOL-315 | Physiology | 04 | 00 | ZOL-414 | Fundamentals of Entomology (A2**) | 03 | 00 |
| | TOTAL | 16.00 | | ZOL-415 | Endocrinology | 03 | 00 |
| | | | | | TOTAL | 15.00 | |
| | | | | | | | |
| SEMESTER VI | | | | SEMESTER VIII | | | |
| 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*/ | 03 | 00 |
| ZOL-324 | Genetics | 04 | 00 | | Research/ Internship Report/ Uni option | | |
| ISL-326 | Translation of Quran/Ethics | 01 | 00 | ZOL-424 | Mammalogy (B2**) | 03 | 00 |
| | TOTAL | 15.00 | | ZOL-425 | Ichthyology | 03 | 00 |
| | | | | ISL-428 | Translation of Quran/Ethics | 01 | 00 |
| | | | | | TOTAL | 16.00 | |

*

**

A collage of various office and school supplies like notebooks, pens, and papers, with the text "RULES AND REGULATIONS" prominently displayed in a stylized, bubbly font.

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 1st 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.II. 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 (1st 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.
- iii 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.

8.12. STUDENTS DISCIPLINE RULES

- 8.1. 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 indecent 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 |
| i) | 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. 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 Events



THE UNIVERSITY OF CHAKWAL



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