COMAND
Group of Colleges

U C M

UNIVERSITY COLLEGE OF MONTGOMERY
SAHIWAL

University College Of Montgomery
SAHIWAL

A Project Of COMAND Group of Colleges

PROSPECTUS
2022-23

2-KM, Pakpattan Road Sahiwal.
www.comand.edu.pk

شروع اللہ کے نام سے جو بڑا مہربان اور نہایت رحم والا ہے

اَللّٰهُمَّ صَلِّ عَلٰى مُحَمَّدٍ وَّعَلٰى آلِ مُحَمَّدٍ

كَمَا صَلَّيْتَ عَلٰى إِبْرَاهِيْمَ وَعَلٰى آلِ إِبْرَاهِيْمَ

إِنَّكَ حَمِيْدٌ مَّجِيْدٌ

اَللّٰهُمَّ بَارِكْ عَلٰى مُحَمَّدٍ وَّعَلٰى آلِ مُحَمَّدٍ

كَمَا بَارَكْتَ عَلٰى إِبْرَاهِيْمَ وَعَلٰى آلِ إِبْرَاهِيْمَ

إِنَّكَ حَمِيْدٌ مَّجِيْدٌ

WELCOME TO
COMAND
Group of Colleges

COMAND

A Project of COMAND Group of Colleges

UNIVERSITY COLLEGE OF MONTGOMERY (FUTURE PROJECT)

Governor of Punjab

Muhammad Baligh Ur Rehman (Chancellor)

&

Chairman

Ch. Waheed-ul-Haq

COMAND Group of Collges

Affiliations with

GCUF

Govt. College University Faisalabad

Chairman COMAND Group of Colleges, **Ch. Waheed-ul-Haq**
is presenting flower to
Vice Chancellor GCUF, **Prof. Dr. Shahid Kamal**

TABLE OF CONTENTS

Our Mission

Our mission is to produce students with active and creative minds and instill in them the courage to achieve their goals. Making them tolerant, humane and capable of thinking in a creative and critical manner; aiming at producing denizens enriched with devotion, consistency, determination, and an optimistic drive in tackling the challenges of contemporary world.

Our Vision

To advance knowledge and learning through quality research and education for the nation and for humanity.

Mission

Vision

Values

Our Values

Excellence: A profound and aspirational value: the quality of striving to be, and being, outstanding.

Integrity: A moral value: the quality of being honest, ethical and truthful.

Respect: An essential and learned value: regard felt or shown towards different people, ideas and actions.

Academic freedom: A unique value of the academy: a scholar's freedom to express ideas through respectful discourse and the pursuit of open discussion, without risk of censure.

Accountability: A personal and public value: being responsible for our conduct and actions and delivering upon our respective and reciprocal commitments.

Regulatory Body of UCM Sahiwal
Mumtaz Anwar Society (Reg.) Sahiwal

Waheed-ul-Haq Ch.
President

Ch. Safdar Rasheed
Executive Member

Mrs. Shazia Waheed
Joint Secretary

Ch. Abdul Hafeez
S. Vice President

Mirza Azhar
Executive Member

Muhammad Tariq Awan
Director (Finance)

Haider Ali
Member

Ehsan -Ul-Haq Faridi
General Secretary

Chairman's Vision

It gives me immense pleasure to welcome you all to the University College of Montgomery Sahiwal, which has emerged as a leading place of advanced studies and research in a relatively short span of time. Despite being a relatively new University, UCM has made remarkable impact on the canvas of higher education in Sahiwal. With its efficient staff and qualified faculty, it offers modern teaching and research facilities to students enrolled in various disciplines at all levels. We aspire to provide learning and teaching experience that harnesses the students to enhance their capabilities and transform their life for the better. Student satisfaction is a huge challenge and of great significance, which assures learner's level of success. The students are encouraged to develop skills which will help them in gaining meaningful employment, further their education or contribute more effectively to the society. Our ability to add to your academic and social skills will allow you to lead in your professional career. We aim to create high-quality graduates who are practically skilled to enter the world of work.

Good Luck

Ch. Waheed-ul-Haq
Chairman
COMAND
Group of Colleges

Message from Director Finance

I cordially, welcome you to the University College of Montgomery Sahiwal. Since its inception, UCM has immensely progressed and is persistently ongoing as you can witness the ever-increasing intake of students. We are committed to excellence in academics, research and knowledge exchange. The staff members of UCM demonstrate collegialit and teamwork which act as catalyst in student's lifelong learning and lucrative progress. Our ability to add to your academic and social skills will allow you to lead in your professional career. We aim to create high-quality graduates who are practically skilled to enter the world of work. So, I assure you that educational experience at UCM will be rewarding both academically and culturally.

Mrs. Shazia Waheed

Director Finance

Message From Executive Principal

The Major issue concerning the country today is ignorance and literacy. University college of Montgomery stands for academic excellence and is committed to dispel the shadows of ignorance. We believe in the intellectual faculties of young students of our country who, when given the opportunity, can compete at international level. UCM Sahiwal inculcate in students the desire to not only attain knowledge but also to achieve higher levels of understanding. The purpose of our institution is to groom students into professionals and leaders in every fields. We encourage our students in all extra and co-curricular activities to helps of sharpen their communication, analytical and cognitive skills.

Prof. Muhammad Ali
Executive Principal

Intermediate Programs

F.Sc (Pre-Medical)

Duration: 2 Years

Certificate Awarded By: BISE Sahiwal

The Faculty of Science (Pre-Medical) Program at UCM provides a foundation for students hoping to pursue a career in or related to medical. Our aim is to prepare you to excel in BISE Sahiwal exams in science centric subjects with a focus on Biology over the two years of study.

Eligibility Criteria
1st Division in Secondary School Examination.

SUBJECTS	Marks (1st Year)	Marks (2nd Year)
English	100	100
Urdu	100	100
Islamic Education (1st Year)	50	-
Pakistan Studies (2nd Year)		50
Physics	100	100
Chemistry	100	100
Biology	100	100
Total Marks	**550/Year**	**550/Year**

F.Sc (Pre-Engineering)

Duration: 2 Years
Certificate Awarded By: BISE Sahiwal

The Faculty of Science (Pre-Engineering) Program at UCM is a comprehensive course work involving both practical and theoretical aspects of engineering. The program grooms students to opt engineering as a professional course of study. The college helps students to secure top positions in the BISE Sahiwal Exams.

Eligibility Criteria

1st Division in Secondary School Examination.

SUBJECTS	Marks (1st Year)	Marks (2nd Year)
English	100	100
Urdu	100	100
Islamic Education (1st Year)	50	-
Pakistan Studies (2nd Year)		50
Physics	100	100
Chemistry	100	100
Mathematics	100	100
Total Marks	550/Year	550/Year
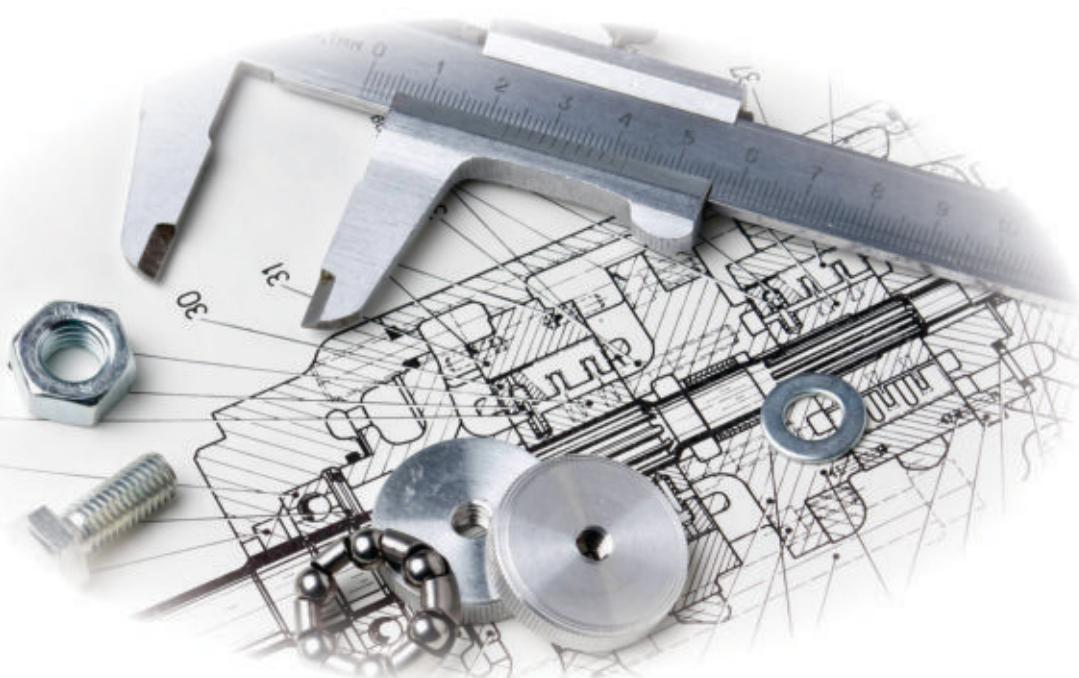
ICS

Duration: 2 Years
Certificate Awarded By: BISE Sahiwal

The Intermediate of computer science (ICS) program at UCM provides a general education in many aspects of computer & software Development. Our aim is to prepare you to excel in BISE Sahiwal exams in computer Science subjects with a focus on either Physics or Economics / Statistics over the two years of study.

Eligibility Criteria

50% Marks In Secondary School Examination (two Options Are Available)
Physics, Mathematics, Computer Science
Economics / Statistics, Mathematics, Computer Science

SUBJECTS	Marks (1st Year)	Marks (2nd Year)
English	100	100
Urdu	100	100
Islamic Education (1st Year)	50	-
Pakistan Studies (2nd Year)	-	50
Economics / Statistics / Physics	100	100
Computer Science	100	100
Mathematics	100	100
Total Marks	**550/Year**	**550/Year**

I.Com

Duration: 2 Years
Certificate Awarded By: BISE Sahiwal

The Intermediate of Commerce (I.Com) Program at UCM provides a foundation to students hoping to pursue a career in commerce or related business. Our aim is to prepare you to excel in BISE Sahiwal exams in Commerce related subjects over the two years of study.

Eligibility Criteria

2nd Division in Secondary School Examination.

SUBJECTS	Marks (1st Year)	Marks (2nd Year)
English	100	100
Urdu	100	100
Accounting	100	100
Islamic Education (1st Year)	50	-
Principles of Commerce (1st Year)	75	-
Principles of Economics (1st Year)	75	-
Business Mathematics (1st Year)	50	-
Commercial Geography (2nd Year)	-	75
Computer Studies / Banking (2nd Year)	-	75
Business Statistics (2nd Year)	-	50
Pakistan Studies (2nd Year)	-	50
Total Marks	**550/Year**	**550/Year**

PUNJAB MEDICAL FACULTY

DIPLOMAS

- Operation Theater Technician
- Radiography & Imaging Technology
- Medical Lab Technology
- Dispenser
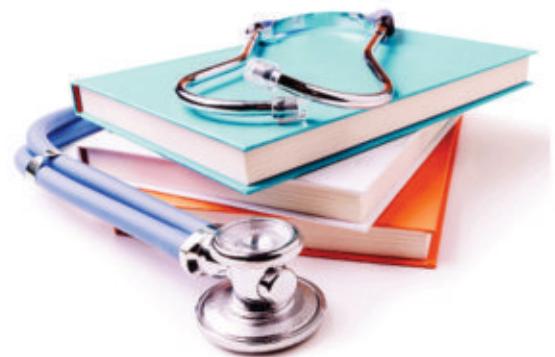
F.A IT

Compulsory Subject

English - Islamiat - Urdu - Pak Studies

Elective Subject

- Computer
- Education
- Sociology
- Economics

Fee Schedule

F.Sc

Percentage of Marks	Total Fee
Above and equal 90%	Full Fee Off
Above and equal 80%	40,500
Above and equal 60%	45,500
Below 60%	50,500

ICS

Percentage of Marks	Total Fee
Above and equal 90%	Full Fee Off
Above and equal 75%	38,500
Above and equal 60%	42,500
Below 60%	45,500

I.Com/F.A(IT) / Medical Diploma

Percentage of Marks	Total Fee
Above and equal 60%	33,500
Below 60% to minimum pass marks	35,500

SCHOLARSHIP

Scholarships of
10 Million

Scholarship Name	Criteria
Quaid-e-Azam Scholarship	Merit Based
Mumtaz Anwar Scholarship	Need Based
UCM Scholarship	Kinship Based
Star Scholarship	Sports & Extra Curricular Based
Excelsior Scholarship	Extraordinary Progress Based

Salient Features

Transport Service

The University College of Montgomery (UCM) has its own large fleet of buses, mini buses and vans that provide pick and drop facility around the city to the students with low fee. UCM also provide shuttle services to its staff & faculty members.

Free pick & drop Facility for hostel students

Transport fee Rs. 28,000/- per annum for College students.
Transport fee Rs. 15,000/- per semester for University students.

Caféteria

The college caféteria serving delicious continental cuisine, snacks and scrumptious meal. An excellent and most modern Caféteria has set up for students. It is serving a variety of Food and Fresh Juices to maintain a healthy diet.

Caféteria

اپنا گرلز ہوسٹل

COMAND Group

has its own hostel for girls Only

Silent Features

- ✷ Well Furnished Accommodation
- ✷ Facility of Sui-Gas
- ✷ Facility of Solar System
- ✷ Facility of Internet (Wi-Fi)
- ✷ FREE Pick & Drop Facility from Hostel to University

Charges

- ✷ Rs. 10,000/- Per Month With 2 Time Mess
  Breakfast & Dinner

UNIVERSITY COLLEGE OF MONTGOMERY

BS Programs

(Semester System)
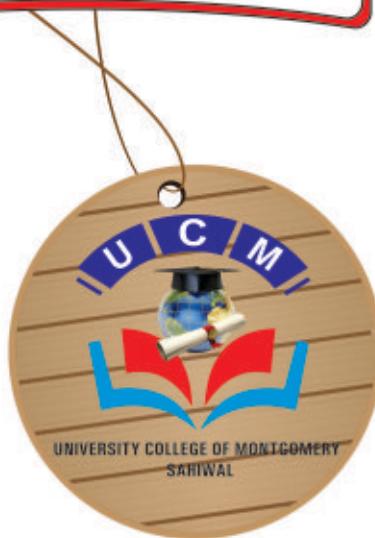
BS English

Mission

To inspire an appreciation for the English language and literature, and to cultivate its effective use in creative expression and day-to-day life. The Department strives to enhance student success by fostering an environment conducive to intellectual and personal growth and aims to preserve and protect academic freedom and intellectual independence. It provides a forum for critical inquiry and debate. Our mission is to instill in the students a spirit of critical inquiry with a capability to look beyond their Limited surroundings and analytical vision to place and define themselves in the wider social, cultural, political and ideological environment. Through our extensive curriculum, we aim at the development of an educated and enlightened population capable of informed judgment and responsible citizenship and the availability of persons who have the knowledge, skills and adaptability required by public and private enterprise.

Vision

To cope with the radical changes taking place in the field of knowledge. The Department aims to stimulate humanistic learning and the capacity to respond rationally and imaginatively to literature and life. Through the advancement of knowledge, skills and human creativity, the Department prepares students to be independent, enlightened thinkers aiming to work as professionals and opinioned leaders of tomorrow.

Scope of the Field

The Department of English Literature is one of the leading departments of the UCM. The Department has been committed to the symbiotic relationship of teaching, research and the larger concerns of society. The Department of English seeks to provide to the diverse needs of its students by offering them the opportunity to read widely, understand and enjoy what they read, and to express themselves both orally and in writing with ease, force and clarity. The English Department maintains its strong commitment to traditional areas of study, while also supporting groundbreaking research and teaching in new and interdisciplinary approaches to literary studies. English Department teaches across the whole range of English literature and language studies. Our aim is to provide students with a stimulating environment in which they better develop skills in all areas of English.

Academic Programs: BS English

Eligibility: at least 45% marks in intermediate or equivalent

Duration: (04 Years) 08 Semesters

Degree Requirement: Minimum 124 credits hours

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
ENG-101	Study Skills	4
ENG-102	Introduction to Linguistics	3
ENG-103	Advance Reading Skills-I	3
ENG-104	Pakistan Studies	2
ENG-105	Sociology	3
	Total	**15**

Semester-II

Code	Course Title	C/Hr.
ENG-106	Communicattion Skills	3
ENG-107	Advance Reading Skills II	3
ENG-108	Sociolinguistics	3
ENG-111	Islamic Studies	2
ENG-110	Computer Science	4
ENG-109	Psychology	3
	Total	**18**

Semester-III

Code	Course Title	C/Hr.
ENG-212	Introduction to Literature II	3
ENG-213	History of English Literature	3
ENG-220	Fiction I	3
ENG-221	Phonetic & Phonology	3
ENG-222	Philosophy	3
ENG-223	Statistics	3
	Total	**13**

Semester-IV

Code	Course Title	C/Hr.
ENG-218	Prose I	3
ENG-219	Greek & Classical Drama I	3
ENG-220	Classical Poetry I	3
ENG-221	Fiction II	3
ENG-222	Semantics & Pragmatics	3
ENG-223	Morphology & Syntax	3
	Total	**18**

Semester-V

Code	Course Title	C/Hr.
ENG-324	Shakespeare	3
ENG-325	Literary Criticism I	3
ENG-326	Fiction III	3
ENG-327	Classical Poetry I	3
ENG-328	Applied Linguistics	3
ENG-329	Discourse Analysis	3
	Total	**18**

Semester-IV

Code	Course Title	C/Hr.
ENG-330	Literary Criticism II	3
ENG-331	Drama II	3
ENG-332	Prose II	3
ENG-333	Romantic Poetry	3
ENG-334	Stylistics I	3
ENG-335	Research Methodology	3
	Total	**18**

Semester-VII

Code	Course Title	C/Hr.
ENG-436	Criticism III	3
ENG-437	Drama III	3
ENG-438	American Novel & Poetry	3
ENG-439	Prose III	3
ENG-440	ESP	3
ENG-441	20th Century Poetry	3
	Total	**18**

Semester-VIII

Code	Course Title	C/Hr.
ENG-442	Post Colonial Novel/Dissertation	3
ENG-443	History of Western Civilization	3
ENG-444		3
ENG-445	World Literature in Translation	3
ENG-446	Psycholinguistics	3
ENG-447	Stylistic II	3
	Total	**18**

BS Computer Science

BS (Computer Science)

Vision

To ensure that the students take maximum advantage of the modern computer sciences to solve a wide range of complex scientific, technological and social problems.

Mission

To provide sumptuous education and training to our students in the field of computer so that they productively contribute to academia and industry.

Introduction

The Department of Computer Science is one of the most prominent department of UCM. The progress journey of the department continued, and it offered BS (CS) program with the pure zeal. The department provides excellent computing facilities and ensures the enhancement of practical knowledge of students by facilitating them to learning. The Computer Science Department provides a comprehensive range of facilities necessary for computer use and a library of program and packages for solving scientific, engineering, commercial and social problems.

Laboratories

The department is equipped with three state of the art computer labs with the latest Pentium machines. These laboratories which are accessible to all students and teachers of Computer Science Department are linked through the state of the art network environment for retrieving information. The following laboratories have been set up:

- Database Design Lab
- Software Development Lab
- A team of excellent and dedicated developers works untiringly hard to develop, design and update wide range of software that meets the university requirements in addition to the market demands as well.

Academic Programs:-

BS Computer Science BS(CS)

Eligibility: FSc/ICS or A-level with Mathematics.

Duration: 04 Years 08 Semesters

Degree Requirements: Minimum 138 Credit Hours

BS Computer Science

Scheme of Studies

Semester-I

Pre-Requisite	Code	Course Title	C/Hr.
	CMP-2122	Programming Fundamentals	4
	MATH-2213	Calculus and Analytical Geometry	3
	PHY-2210	Basic Electronics	3
	SS-2311	Islamic Studies	3
	ENG-2411	Functional English	3
	ICT-2021	Introduction to ICT	4
		Total	18

Semester-II

Pre-Requisite	Code	Course Title	C/Hr.
CMP-2122	CMP-2124	Objective Oriented Programming	4
	Math-2214	Multivariable Calculus	3
	CMP-2210	Digital Logic Design	3
	MATH-2110	Probability and Statistics	3
	Eng-2412	Communication Skills	3
	CMP-2111	Discrete Structure	3
		Total	19

Semester-III

Pre-Requisite	Code	Course Title	C/Hr.
CMP-2124	CMP-3113	Data Structures and Algorithms	3
	MATH-2215	Differential Equation	3
CMP-2210	CS-3210	Computer Organization & Assembly Langu.	3
	CMP-2540	Computer Communi. & Networks	3
	ENG-2413	Technical and Report Writing	3
	MNG-2210	Financial Accounting	3
		Total	15

Semester-IV

Pre-Requisite	Code	Course Title	C/Hr.
CMP-2111	CS-3134	Design & Analysis of Algorithms	3
	MATH-3215	Linear Algebra	3
CS-3210	CS-4240	Computer Architecture & Org.	3
	CMP-3310	Software Engineering	3
	SS-2312	Pakistan Studies	3
	CMP-3450	Database Systems	4
		Total	20

Semester-V

Pre-Requisite	Code	Course Title	C/Hr.
CMP-2111	CS-3131	Theory of Automata & Formal Lang.	3
	CS-3941	Numerical Computing	3
	CMP-3621	Operating System	4
CMP-2124	SE-3311	Object Oriented Analysis & Design	3
	SS-2511	Principles of Philosophy	3
CMP-2540	CS-3513	Internet Architecture and Protocol	3
		Total	19

Semester-VI

Pre-Requisite	Code	Course Title	C/Hr.
CS-3131	CS-4140	Theory of Programming Language	3
CMP-2111	CS-3811	Artificial Intelligence	3
	CMP-3711	Human Computer Interaction	3
	MNG-2212	Principles of Management	3
	CS-3743	Multimedia Systems & Design	3
CMP-2122	CS-3548	Web System and Technologies	3
		Total	18

Semester-VI

Pre-Requisite	Code	Course Title	C/Hr.
	CMP-4970	Capstone Project-I	3
CS-3548	CS-4745	Enterprise Application Development	3
CMP-3310	CS-4746	E-Commerce Applications Development	3
CmP-3310	SE-4349	Software Project Management	3
CS-3131	CS-4141	Compiler Construction	3
		Total	15

Semester-VII

Pre-Requisite	Code	Course Title	C/Hr.
	CMP-4970	Capstone Project-II	3
CMP-3621	CS-4544	Cloud Computing	3
	SS-4910	Professional Practice	3
CMP-2124	CS-4548	Mobile Application Development	3
		Total	12

BS Information Technology

BS (Information Technology)

Vision

To realize the Information Technology Division's success by respectfully acknowledging diverse and changing needs of the individuals in the dynamic fields of teaching, research, industry and outreach.

Mission

To provide responsive and dependable delivery of Information Technology to the graduates in the various disciplines of Information Technology and to train them to apply the knowledge and skills of Information Technology in the Industrial and Business Sector.

Introduction

BS (IT) was started as specialized area as per guidelines of Higher Education Commission (HEC). The department provides excellent computing facilities and ensures the enhancement of practical knowledge of students by facilitating them to learning. The Department of Information Technology provides a comprehensive range of facilities necessary for computer use and a library of programs and packages for solving scientific, engineering, commercial and social problems. The department is equipped with state of the art computer labs with latest machines. These laboratories are accessible to all students and teachers and linked through the state of the art network environment for retrieving information.

Academic Programs:-

BS Information Technology (IT)

Eligibility: Fsc (Pre-Engineering) /ICS or equivalent.

Duration: 04 Years 08 Semesters

Degree Requirements: Minimum 138 Credit Hours

BS Information Technology

Scheme of Studies

Semester-I

Pre-Requisite	Code	Course Title	C/Hr.
	CMP-2122	Programming Fundamentals	4
	PHY-2210	Basic Electronics	3
	MATH-2213	Calculus & Analytical Geometry	3
	ICT-2021	Introduction ICT	4
	ENG-2411	Functional English	3
	SS-2311	Islamic Studies/Ethics	2
		Total	**19**

Semester-II

Pre-Requisite	Code	Course Title	C/Hr.
CMP-2122	CMP-2123	Object Oriented Programming	4
	CMP-2210	Digital Logic Design	3
	CMP-2111	Discrete Structure	3
	MNG-2212	Principles of Management	4
	ENG-2412	Communication Skills	3
	Math-2110	Probability & Statistics	2
		Total	**19**

Semester-III

Pre-Requisite	Code	Course Title	C/Hr.
CMP-2123	CMP-3112	Data Structure & Algorithms	3
	CMP-2210	Computer Communi. & Metworks	3
	MNG-2210	Financial Accounting	3
	IT-2410	Information Systems	3
	ENG-2413	Technical & Repot Writing	3
	MATH-3215	Linear Algebra	3
		Total	**18**

Semester-IV

Pre-Requisite	Code	Course Title	C/Hr.
	SS-4910	Professional Practices	3
CMP-2540	IT-3513	Internet Architecture & Protocol	3
	CMP-3310	Software Engineering	3
	CMP-3450	Database Systems	4
	MNG-3262	Entrepreneurship	3
	SS-2312	Pakistan Studies	2
		Total	**18**

Semester-V

Pre-Requisite	Code	Course Title	C/Hr.
	CMP-3711	Human Computer Interaction	3
CMP-2123	CMP-3621	Operating Systems	4
CMP-3450	SE-3311	Object Oriented Analysis & Design	3
	IT-3441	Database Administration & Manag.	3
	IT-3743	Multimedia System and Design	3
	IT-3431	Technology Management	3
		Total	**19**

Semester-VI

Pre-Requisite	Code	Course Title	C/Hr.
CMP-2122	IT-3548	Web Systems & Technologies	3
CMP-2540	IT-4511	System & Network Administration	3
IT-3548	IT-4744	Enterprise Application & Dev.	3
IT-3541	IT-4543	IT Infrastructure	3
CMP-3310	IT-4344	System Integration & Architecture	3
CMP-3310	IT-4349	IT Project Management	3
		Total	**18**

Semester-VII

Pre-Requisite	Code	Course Title	C/Hr.
	CMP-4970	Capstone Project-I	3
IT-4511	IT-4541	Data and Network Security	3
CMP-2540	IT-3541	Network Design & Management	3
CMP-2123	IT-4547	Mobile Application Development	3
CSP-3310	IT-4746	E-Commerce Application Dev.	3
		Total	**15**

Semester-VIII

Pre-Requisite	Code	Course Title	C/Hr.
	CMP-4970	Capstone Project-II	3
CMP-3621	IT-4544	Cloud Computing	3
CMP-3450	IT-4461	Enterprise Res. Planning Systems	3
CMP-3112	IT-4741	Computer Game Development	3
		Total	**15**

BS Mathematics

Vision

Mathematics is the need of a nation's success as it develops computational skills, critical thinking, and problem-solving skills. The theory, discipline, and techniques taught in mathematics courses are especially important in today's society. The faculty of the Department of Mathematics strives to ensure that the student/learner obtains the high quality analytical reasoning skills. At the same time, the faculty contributes to the discipline by fundamental research in pure and applied mathematics.

Mission

To enables the students to contribute to today's society; and to obtain abilities to critically assess numerical and graphical information; learn to formulate strategies for solving problems; and acknowledge the importance of being intellectually curious throughout their adult lives. The Department, through its faculty, will continue to contribute to the body of knowledge of the discipline, whether in traditional research, applied research, or research in the teaching of Mathematics.

Introduction

Mathematics department is running BS and MSc programms in the subject of Mathematics. The Department is established with an intent to produce outstanding students who will serve in academic as well as in business institutions. The Department has qualified and experienced teachers who are dedicatedly inculcating in the students the urge, spirit and determination necessary to compete with the new scientific challenges in every walk of life.

Goals

The Department will offer courses that:

- Build and enhance computational skills necessary in today's society and develop the students' ability to critically interpret numerical and graphical data.
- Encourage and reinforce the critical thinking skills of the students.
- Develop and enhance the students' problem solving skills.
- Develop the students' ability to intelligently communicate mathematical results in both written and oral format.
- Provide an environment which will help all faculty and staff to achieve their professional goals.

Academic Programs:- BS Mathematics

Eligibility: F.Sc (Pre-Engineering) ICS or equivalents.

Duration: 04 Years (08 Semesters)

Degree Requirements: Minimum 124 credit hours

BS Mathematics

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
Math-101	Calculus-I	3
Math-103	Number Theory	3
Phy-101	Mechanics	3
Eng-101	Study Skills	3
PKS-101	Pak Studies	2
Math-105	Introduction to Computers	3
	Total	**18**

Semester-II

Code	Course Title	C/Hr.
Math-102	Calculus-	3
Math-104	Probability Theory	3
Phy-102	Electricity & Magnetism	3
Eng-102	Functional Grammar	3
Isl-102	Islamic Studies	2
Math-106	Programming Languages for Math.	3
	Total	**15**

Semester-III

Code	Course Title	C/Hr.
Math-201	Calculus-III	3
Math-203	Vector Analysis & Mechanics	3
Phy-201	Mechanics-II	3
Eng-203	Advance Reading Skills	3
BUS-231	Principles of Management	3
	Total	**15**

Semester-IV

Code	Course Title	C/Hr.
Math-202	Algebra-I	3
Math -204	Ordinary Differential Equations	3
Phy-202	Thermodynamics & Stat. Mechanics	3
Eng-204	Communication Skills	3
Psy-202	Social Psychology	3
	Total	**16**

Semester-V

Code	Course Title	C/Hr.
Math-301	Complex Analysis	3
Math-303	Algebra-II	3
Math-305	Real Analysis-I	3
Maath-307	Classical Mechanics	3
Math-309	Topology	3
Math-311	Different Geometry	3
	Total	**18**

Semester-VI

Code	Course Title	C/Hr.
SW-204	Logic and Reasoning	3
Math-302	Numerical Analysis	3
Math-304	Algebra-III	3
Math-306	Real Analysis-II	3
Math-308	Partial Differential Equations	3
Math-310	Functional Analysis	3
	Total	**18**

Semester-VII

Code	Course Title	C/Hr.
Math-401	Statistics	3
Math-XXX	Elective-I	3
Math-433	Integral Equations	3
Math-XXX	Elective-II	3
Math-XXX	Common Elective	3
	Total	**15**

Semester-VIII

Code	Course Title	C/Hr.
ECOM-101	Principles of Economics	3
Math-XXX	Elective-I	3
Math-XXX	Elective-II	3
Math-450	Special Functions	3
Math-XXX	Project/ Common Elective	3
	Total	**15**

BS Botany

Vision

Exploration of natural world of plants and allied creature for unraveling vast untapped resources of nature for the benefit of human race as well as the glorification of knowledge.

Mission

We are committed to ordain human capital with excellence in the changing scientific scenario through innovative and interactive learning and research.

Introduction

BS Botany Department is privileged to have a strong faculty and academic program. At present, this department is offering degree courses for BS (Hons) & MSc. programme. Department of Botany has gained credence from the comity of global academic and research institutions. Department aims to provide quality education in diverse areas of research. We are striving to nurture our industry with trained and skilled manpower and with the development of "early bird" innovative production processes. Our research activities on medicinally important plant-derived constituents, nutritional fortification of edible grain crops, development of industrially important fungal enzymes and natural pigments, edibles free from biotic contaminants, etc. are being valued by national industrial enterprises. A number of nationally and internationally funded research projects are also underway, and the academia is focusing on to broaden need-based research endeavors. Molecular Biology, Plant Physiology, Integrative Biology, Environmental Biology, Economic Botany, Mycology, Microbiology and Biotechnology are some of the focal areas of research at this establishment.

Academic Program: BS Botany

Eligibility: At least 45% Marks in F.Sc (Pre-Medical)

Duration: (04 Years) 08 Semesters

Degree Requirements: Minimum 124 credit hours

BS Botany

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
ZOL-101	Principles in animal life	4
BOT-101	Diversity of Plants	4
CHEM-101	Physical Chemistry	4
ENG-101	English-I	3
ISL-101	Islamic Studies	2
	Total	17

Semester-II

Code	Course Title	C/Hr.
ZOL-102	Diversity of animal (invertebrates)	4
BOT-102	Plants Systematic, Anatomy & Dev.	4
CHEM-102	Inorganic Chemistry	4
ENG-102	English-II	3
PKS-102	Pak-Studies	2
	Total	17

Semester-III

Code	Course Title	C/Hr.
ZOL-203	Diversity of animal (vertebrates)	4
BOT-203	Cell Biology, Genetics & Evolution	4
CHEM-203	Organic Chemistry	4
ENG-203	English-III	3
Comp-203	Computer Applications	3
	Total	18

Semester-IV

Code	Course Title	C/Hr.
ZOI-204	Principles of animal Psychology	4
Math-201	Mathematics/ any other elective	3
ES-204	Out of major courses	
BOT-204	Plant physiology & Ecology	4
CHEM-204	Chemistry Special Topics	4
Eng-204	English (communication skills)	3
	Total	18

Semester-V

Code	Course Title	C/Hr.
BOT-305	Biostatistics	3
BOT-306	Bacteriology & Virology	3
BOT-307	Physiology & Bryology	3
BOT-308	Mycology & Plants	3
BOT-309	Diversity of Vascular Plants	3
BOT-310	Plants Systematic	3
	Total	18

Semester-VI

Code	Course Title	C/Hr.
BOT-311	Plant Anatomy	3
BOT-312	Genetics-I	3
BOT-313	Plant Biochemistry-I	3
BOT-314	Plant Ecology-I	3
BOT-315	Plant Physiology-I	3
BOT-316	Molecular Biology	3
	Total	18

Semester-VII

Code	Course Title	C/Hr.
BOT-417	Plant Biochemistry-II	3
BOT-418	Plant Ecology-II	3
BOT-419	Plant Physiology	3
BOT-420	Genetics	3
BOT-425	Optional OR Thesis	3
	Total	16

Semester-VIII

Code	Course Title	C/Hr.
BOT-421	Seminar / Presentation	1
BOT-422	Biodiversity / Conservation	3
BOT-423	Environmental Biology	3
BOT-424	Cell Biology	3
BOT-426	Optional OT Thesis	4
	Total	14

BS Zoology

Vision

To align multidisciplinary approaches towards wide areas of biological sciences. The department strives to be a center of excellence in teaching as well as in diverse areas of research to promote knowledge, skills and expertise in students required to serve the society as educators, University/College teachers, research scientists and administrators.

Mission

To meet the dire need of coming decades, the Department of Zoology is committed to impart most recent and updated education to students, to deliver society-oriented and need based research, to promote academia-industry linkage, to hold regular seminars by invited speakers and subject specialists for the scientific grooming of students and faculty and to develop a collaboration both at national and international levels.

Introduction

Department of Zoology was established with the intent to provide the undergraduate and graduate courses affiliated with Govt. College Faisalabad University. The high-profile motivated faculty loaded with initiative and drive is key strength of the Department. The fully equipped laboratories, well-furnished class rooms and update spacious library provide the best possible facilities to the students in their academic pursuits. The Department believes in its uplifting at world recognized level through imparting outstanding teaching and research by awarding a degree in academic programs of BS and MSc Zoology. The department has recruited highly qualified PhD faculty members to broaden the teaching and research horizon to face the modern challenges in the field of Zoology.

Academic Program: BS Zoology

Eligibility: Al least 45% marks in F.Sc (Pre-Medical)

Duration: (04 Years) 08 Semesters

Degree Requirements: Minimum 124 credit hours

BS Zoology

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
ZOL-101	Principles in animal life	4
BOT-101	Diversity of Plants	4
CHEM-101	Physical Chemistry	4
ENG-101	English-I	3
ISL-101	Islamic Studies	2
	Total	17

Semester-II

Code	Course Title	C/Hr.
ZOL-102	Diversity of animal (invertebrates)	4
BOT-102	Plants Systematic, Anatomy & Dev.	4
CHEM-102	Inorganic Chemistry	4
ENG-102	English-II	3
PKS-102	Pak-Studies	2
	Total	17

Semester-III

Code	Course Title	C/Hr.
ZOL-203	Diversity of animal (vertebrates)	4
BOT-203	Cell Biology, Genetics & Evolution	4
CHEM-203	Organic Chemistry	4
ENG-203	English-III	3
Comp-203	Computer Applications	3
	Total	18

Semester-IV

Code	Course Title	C/Hr.
ZOl-204	Principles of animal Psychology	4
Math-201	Mathematics/ any other elective	3
ES-204	Out of major courses	
BOT-204	Plant physiology & Ecology	4
CHEM-204	Chemistry Special Topics	4
Eng-204	English (communication skills)	3
	Total	18

Semester-V

Code	Course Title	C/Hr.
ZOL-304	Fisheries	3
ZOL-305	Cell & Molecular Biology	4
ZOL-306	Biochemistry	4
ZOL-307	Wild Life/ Animal Morphology	3
ZOL-308	Biostatistics	3
	Total	17

Semester-VI

Code	Course Title	C/Hr.
ZOL-309	Genetics	4
ZOL-310	Animal Physiology	4
ZOL-311	Development Biology	4
ZOL-312	Ecology	4
ZOL-313	Animal Behavior	3
	Total	19

Semester-VII

Code	Course Title	C/Hr.
ZOL-414	Evolution & Principles of Systematic	4
ZOL-415	Principles of Toxicology	4
ZOL-416	Seminar	1
ZOL-417	Biological Techniques & Bio-Informatics	3
ZOL-421	Optional OR Thesis	4
	Total	16

Semester-VIII

Code	Course Title	C/Hr.
ZOL-418	Zoogeography & Paleontology	3
ZOL-419	Logic & Reasoning	2
ZOL-420	Introduction to Biotechnology	4
ZOL-422	Optional OR Thesis	4
	Total	13

BS Chemistry

Vision

To promote the quality research in the various branches of chemistry to ensure a viable and practical solution to all the problems in the respective areas.

Mission

To the advancement of the highest level of theoretical and practical knowledge of chemistry. The department pledges to train Chemists are capable of making a significant contribution in the areas of medicine, dentistry, pharmacy, and related fields.

Introduction

Chemistry is a science of development of human civilization. From European Industrial Revolution in 19th century to the present day, the scenario of Biotechnology and Nanotechnology is all related to chemical sciences. In the arena of scientific development, Chemists are the major stake holders. Be it Peace, War or mission to Mars, Chemists are the main players in these endeavors. The Department of Chemistry is one of the major departments of the University College of Montgomery Sahiwal. Presently more than 400 students are enrolled in the graduation and MSc programs. The Department has well defined areas of Physical Chemistry, Organic Chemistry, Inorganic Chemistry and Analytical Chemistry. The department has a clear thinking that a nation of 180 million people needs world class expertise in chemical sciences which could meet the needs of common people. The schemes of study of the Department of Chemistry have been designed in this backdrop. The major focus of the Department is to train the students in their respective specializations such as Nano science, Polymer Sciences, Biosensors, Synthesis of Natural Products and Drugs and Bioassays. Pakistan is blessed with enormous reservoirs of coal and minerals. Expertise is available in the department to explore these latent/hidden reservoirs.

Objectives

- To produce applied chemists who can efficiently manage the working of industries and be able to motivate and adopt new technologies to meet the international standards.
- To produce students who are confident of applying the knowledge of chemistry and skills which they acquire in understanding the problems of the local industry and the world at large. Thereby making useful contributions towards resolving industry linked problems.
- To produce chemists who can work as quality control managers (from raw material and intermediate product to final product) in every sector of the industry.
- To provide skill in handling chemicals, managing chemical laboratories and scientific instruments.

Academic programs:- BS chemistry

Eligibility: F.Sc (Pre-Medical, Pre-Engineering)

Duration: 04 years (08 semesters), minimum 124 credit hours

BS Chemistry

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
CHEM-181	Chemistry(Major)	3+1
BOT-101	Botany (Minor)	3+1
ZOOL-101	Zoology (Minor)	3+1
ENG-101	English	3
ISL-101	Islamiat	2
	Total	**17**

Semester-II

Code	Course Title	C/Hr.
CHEM-161	Chemistry(Major)	3+1
BOT-102	Botany (Minor)	3+1
ZOOL-102	Zoology\(Minor)	3+1
ENG-102	English	3
PAK-101	Pakistan Studies	2
	Total	**17**

Semester-III

Code	Course Title	C/Hr.
CHEM-271	Chemistry(Major)	3+1
BOT-2023	Botany (Minor)	3+1
ZOOL-203	Zoology (Minor)	3+1
ENG-203	English	3
CS-203	Computer Application/Intro.To Manag/.	3
	Total	**18**

Semester-IV

Code	Course Title	C/Hr.
CHEM-291	Chemistry(Major)	3+1
BOT-204	Botany (Minor)	3+1
ZOOL-204	Zoology (Minor)	3+1
ENG-204	English	3
MNT-204	Introduction To Management	3
	Total	**18**

Semester-V

Code	Course Title	C/Hr.
MATH-300	Basic Mathematics	2
CHEM-311	Analytical	3+1
CHEM-362	Inorganic Chemistry-I	3+1
CHEM-372	Organic Chemistry-I	3+1
CHEM-382	Physical Chemistry-I	3+1
	Total	**18**

Semester-VI

Code	Course Title	C/Hr.
STAT-300	Basic Statistics	2
CHEM-322	Biochemistry	3+1
CHEM-363	Inorganic Chemistry-Ii	3+1
CHEM-373	Organic Chemistry-Ii	3+1
CHEM-383	Physics Chemistry-1ii	3+1
	Total	**18**

Semester-VII

Code	Course Title	C/Hr.
CHEM-461	Industrial Chemistry	3
CHEM-441	Forensic Science	2
	Research / Course	3+1
	Specialization	3
	Specialization	
	Total	**16**

Semester-VIII

Code	Course Title	C/Hr.
CHEM-431	Environmental Chemistry	13
	Research / Course	3+1
	Specialization	3+1
	Specialization	3
	Total	**14**
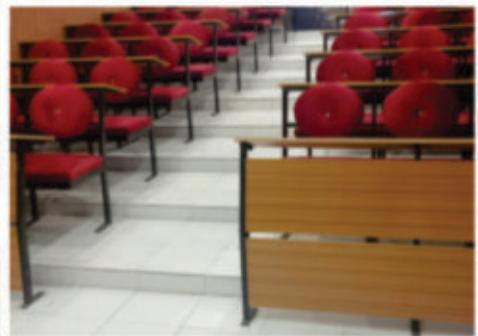
Marvelous View of University College of Montgomery

BS Physics

Vision

To ensure its national reputation in the education of Physics and research and to become a national leader in producing highly professional physicists.

Mission

To provide specialized training of scientific process and a firm scientific understanding of nature to foster critical thinking and to provide scientifically literate and liberally educated physicists. The provincial aspects of our mission can be classified as: Preparing undergraduate and for advanced study and employment in education, research institutes and industry. Developing highly qualified physicists who can serve as major contributors to the scientific and technological literacy in theoretical and applied physics. Providing physics knowledge, experimental experience and training in analytical reasoning and critical thinking required as the basis for the students seeking advanced studies in physics.

Introduction

The Department of Physics is imparting quality education and research guidance to its students with the aim of serving the community at large. All the faculty members of the Department are striving arduously for achieving excellence in their profession and are utilizing all their potential to the maximum in order to uplift the academic standards of the University. Currently, the department is offering the undergraduate and Master programme. In order to broaden and deepen the vision of the students according to the needs of the 21st century, the Department is also focusing on activity-based learning. The Department of Physics provides a conducive environment for the academic and professional development of its students.

Academic Programs:

BS Physics

Eligibility: at least 45% marks in intermediate or equivalent

Duration: (04 Years) 08 Semesters
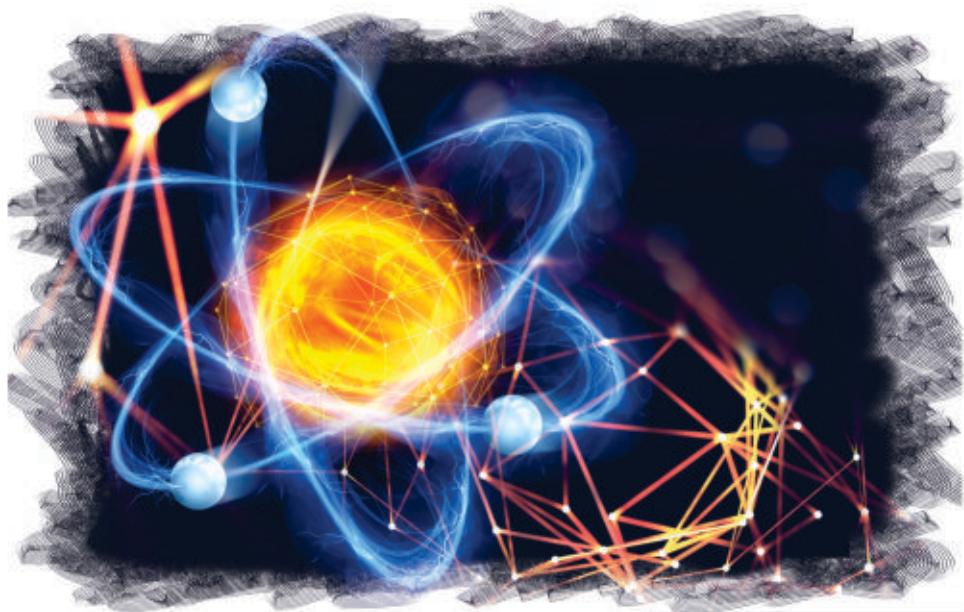
BS Physics

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
PHY-301	Machanics-I	3(3-0)
PHY-303	Waves & Oscillations	3(3-0)
MTH-323	Calculas and Analytical Geometry	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
ISL-321	Islamic Studies / Ethics	3(2-0)
ENG-321	Functional English	3(3-0)
MTH-111	Basic Mathematics - I (Deficiency Course for F.Sc Pre-Medical)	3(3-0)

Semester-II

Code	Course Title	C/Hr.
PHY-302	Machanics-II	3(3-0)
PHY-304	Heart & Thermodynamics	3(3-0)
PHY-306	Introduction to Programming for Physicists	3(3-0)
MTH-324	Multivariable and integral Calculus	3(3-0)
PST-321	Pakistan Studies	2(2-0)
ENG-322	English Comprehension and Composition	3(3-0)
MTH-112	Basic Mathematics-II (Deficiency Course of F.Sc Pre-Medical)	3(3-0)

Semester-III

Code	Course Title	C/Hr.
PHY-401	Electricity & Magnetism-I	3(3-0)
PHY-403	Modern Physics-I	3(3-0)
MTH-425	Differential Equations-I	3(3-0)
MTH-429	Introduction to Metric and Topoligical Spaces	3(3-0)
ENG-421	Communication Skills	3(2-0)
PHY-407	Lab Course-I (Mechanics, Heat and Vibrations)	3(0-3)

Semester-IV

Code	Course Title	C/Hr.
PHY-402	Electricity & Magnetism-II	3(3-0)
PHY-404	Modern Physics-II	3(3-0)
MTH-426	Differential Equations-II	3(3-0)
PHY-408	Lab Course-II (Optics & Modern Physics)	3(0-3)
MTH-424	Linear Algebra	3(3-0)
CHN-402	Chemistry (Special Topics)	4(3-1)

Semester-V

Code	Course Title	C/Hr.
PHY-401	Methods of Mathematical Physics-I	3(3-0)
PHY-403	Classical Mechanics	3(3-0)
PHY-403	Electrodynamics-I	3(3-0)
PHY-403	Electronics-I	3(3-0)
PHY-403	Relativity and Cosmology	3(3-0)
PHY-403	Lab Course-III (Electromagnetism)	3(0-3)

Semester-VI

Code	Course Title	C/Hr.
PHY-302	Methods of Mathematical Physics-II	3(3-0)
PHY-304	Quantum Mechanics-I	3(3-0)
PHY-306	Nuclear Physics-I	3(3-0)
PHY-306	Electrodynamics-II	3(3-0)
PHY-306	Electronics-II	3(3-0)
PHY-306	Lab Course-IV (Atomic & Nuclear Physics)	3(0-3)

Semester-VII

Code	Course Title	C/Hr.
PHY-601	Quantum Mechanics-II	3(3-0)
ENG-601	English of Employment	3(3-0)
PHY-603	Nuclear Physics-II	3(3-0)
PHY-605	Solid State Physics-I	3(3-0)
PHY-607	Particle Physics-I*	3(3-0)
PHY-609	Advanced Electronics*	3(3-0)
PHY-611	Environmental Physics-I*	3(3-0)
PHY-613	Health and Medical Physics-I*	3(3-0)
PHY-615	Climatology and Metrology-I*	3(3-0)
PHY-617	Lab Course-V (Electronics)	3(0-3)

Semester-VIII

Code	Course Title	C/Hr.
PHY-602	Plasma Physics	3(3-0)
PHY-604	Computational Physics	3(3-0)
PHY-606	Solid State Physics-II	3(3-0)
PHY-608	Laser and Optics	3(3-0)
PHY-610	Statistical Mechanics	3(3-0)
PHY-612	Particale Physics-II*	3(3-0)
PHY-614	Advanced Electronics Lab Course*	3(3-0)
PHY-616	Environmental Physics Lab Course	3(3-0)
PHY-618	Eealth and Medical Physics-II*	3(3-0)
PHY-620	Climatology and Metrology-II*	3(3-0)
PHY-629	Seminar	3(0-1)
PHY-630	Thesis*	3(0-6)
PHY-631	Project***	3(0-3)

BSc (Hons) Food Science & Technology

Vision & Mission

To produce high caliber graduates in the field of Food Science & Technology who will be well equipped through the training they receive, to support the rapid changes in food industries and sustain the industrial and economic development of Pakistan. This vision is pursued in par with course values of the University which are integrity, excellence, teamwork, discipline and dedication to work. The Institute selects courses that are aimed at offering the students a good understanding of the basic principles of Food technology according to the growing and dynamic needs of Food industry. According to the international education standards of Degree program in Food technology, the course content of any undergraduate syllabus should cover the following four categories: Food Chemistry and Analysis, Food Safety and Microbiology, Food Processing and Engineering, Applied Food Science. Poor nutritional indicators of Pakistan demanded some initiatives to uplift the nutritional status and initiation of Human Nutrition and Dietetics degree is important mile stone in this context. This degree not only produce skill nutritionist but also enhance the awareness regarding the issue that ultimately will uplift the nutritional status of the country.

Introduction

The Department of Food Science, Technology and Home economics at UCM is one of the best food science departments in the country. The outstanding faculty, state-of-the-art building and laboratory facilities, and friendly and dedicated staff members make the Department a pleasant place to study and conduct research. Our undergraduate Major offers students hands-on science dealing with real-world applications; small, friendly atmosphere world-class internship experiences in collaboration with international institutions. Graduate students receive in-depth training in the core disciplines of food & nutrition, food chemistry, food microbiology, food engineering & processing, food safety, food service management & human nutrition.

Academic Programs: BS Food Science & Technology

Eligibility: F.Sc (Pre-Medical, Pre-Engineering) / DAE (Food Technology)

Duration: (04 Years) 08 Semesters

BSc (Hons) Food Science & Technology — Affiliated with BZU Multan

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
MTH-321	Mathematics-I	3(3-0)
BHS-316	Biology-I	3(2-1)
STA-322	Introduction to statistical theory-I	3(3-0)
CSI-321	Introduction to Computing Applications	3(2-1)
PST-321	Pakistan Studies	3(2-0)
ENG-321	Functional English	2(3-0)
CHH-306	Essentials of Biochemistry	3(3-0)
FST-301	Introduction to Food Science & Technology	3(2-1)

Semester-II

Code	Course Title	C/Hr.
MTH-322	Mathematics-II	3(3-0)
BHS-317	Biology-II	3(2-1)
STA-323	Introduction to statistical theory-II	3(3-0)
ISL-321	Islamic studies / Ethics	2(2-0)
ENG-322	English composition & comprehension	3(3-0)
FST-302	Food Production	3(2-1)
FST-304	Food Processing & Preservation	3(2-1)
HND-301	Principles of Human Nutrition	3(3-0)

Semester-III

Code	Course Title	C/Hr.
PHY-301	Mechanics-I	3(3-0)
FST-403	Food Quality Management	2(2-0)
FST-405	Food Safety	3(3-0)
FST-407	Instrumental Techniques in Food Analysis	3(1-2)
FST-409	Food Chemistry	3(3-0)
MIC-301	General Microbiology	3(2-1)

Semester-IV

Code	Course Title	C/Hr.
FST-402	Food Business Management	3(2-1)
FST-404	Dairy Technology	3(2-1)
FST-406	Unit Operation in Food Processing	3(2-1)
PHY-302	Machanics-II	3(3-0)
FST-408	Fruits and Vegetables Processing	3(2-1)
FST-410	Food Process Engineering	3(2-1)

Semester-V

Code	Course Title	C/Hr.
FST-501	Cereal Technology	3(2-1)
FST-503	Sugar Technology	3(2-1)
FST-505	Technology of Fats and Oils	3(2-1)
FST-507	Food Microbiology	3(2-1)
FST-509	Beverage Technology	3(2-1)
FST-511	Meat Technology	3(2-1)

Semester-VI

Code	Course Title	C/Hr.
HND-302	Community Nutrition	3(2-1)
FST-504	Food Plant Layout and sanitation	3(2-1)
FST-506	Confectionery and snack Foods	3(2-1)
FST-508	Bakery Products Technology	3(2-1)
FST-510	Postharvest Technology	3(2-1)
FST-514	Food Product Development	3(2-1)
FST-516	Research Projects & Scientific Writing	3(2-1)

Semester-VII

Code	Course Title	C/Hr.
FST-601	Extrusion Technology	3(2-1)
FST-603	Fundamentals of Halal Foods	3(3-0)
FST-605	Food Laws & Regulation	3(3-0)
BIT-605	Food and Bioprocess Technology	3(2-1)
FST-607	Food Biotechnology	3(2-1)
FST-609	Food Packaging	3(2-1)
FST-611	Poultry, Egg & Fish Processing	3(2-1)

Semester-VIII

Code	Course Title	C/Hr.
FST-632	Internship (Six Months) and Report Writing	10(0-10)

BS HND

Vision

To support the rapid changes in food industries and sustain the industrial and economic development of Pakistan. To produce high caliber graduates in the field of Dietetics & Nutrition.

Mission

To train the needed manpower and expertise that will help the industry and will produce the healthy community that will contribute to accelerate the economic development of a country.

Introduction

The Department of Food Science & Nutrition at Montgomery University Sahiwal has been established with an intent to provide high quality education. The outstanding faculty, state-of-the-art building and laboratory facilities, and friendly and dedicated staff members make the Department a pleasant place to study and conduct research. The Institute selects courses that are aimed at offering the students a good understanding of the basic rudiments of Food technology according to the growing and dynamic needs of Food industry.

Academic Programs:

BS HND

Eligibility: F.Sc (Pre-Medical)

DAE (Food Technology)

Duration: (04 Years) 08 Semesters

BS HND

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
FST-301	Introduction to Food Science & Technology	3(2-1)
HND-301	Principles of Human Nutrition	3(3-0)
ENG-321	Functional English	3(3-0)
CSI-321	Introduction to Computing Applications	3(3-0)
PST-321	Pakistan Studies	3(3-0)
PSY-422	Introduction to Psychology	3(3-0)
BCH-307	Essentials of Biochemistry	3(3-0)

Semester-II

Code	Course Title	C/Hr.
HND-302	Community Nutrition	3(2-1)
FST-304	Food Processing & Preservation	3(2-1)
HND-304	Fundamentals of Halal Foods	3(3-0)
FST-507	Food Microbiology	3(2-1)
ENG-322	English composition & comprehension	3(3-0)
ISL-321	Islamic Studies / Ethics	2(2-0)

Semester-III

Code	Course Title	C/Hr.
HND-401	Dietetics-I	3(2-1)
HND-403	Contemporary Nutrition	2(2-0)
HND-405	Metabolism of Nutrients	3(3-0)
HND-407	Analytical Tools in Food & Nutrition	3(1-2)
AHS-303	General Human Anatomy	3(2-1)
AHS-302	General Pathology	3(2-1)
BNB-405	Introduction to Biotechnology	3(2-1)

Semester-IV

Code	Course Title	C/Hr.
HND-402	Dietetics-II	3(2-1)
HND-404	Life Cycle Nutrition	3(3-0)
HND-406	Food Safety & Toxicology	3(3-0)
HND-408	Assessment of Nutritional Status	3(2-1)
AHS-303	Applied Anatomy	3(2-1)
STA-321	Introduction to Statistical Theory	3(3-0)

Semester-V

Code	Course Title	C/Hr.
HND-501	Nutrients Drugs Interaction	3(2-1)
HND-503	Functional Foods & Nutraceuticals	3(3-0)
HND-505	Meal Planning & Management	3(3-0)
HND-507	Nutrition in Emergency	3(2-1)
HND-509	Nutritional Biochemistry	3(2-1)
PHS-301	Functional Anatomy and Physiology-I	3(3-0)

Semester-VI

Code	Course Title	C/Hr.
HND-502	Clinical and Therapeutic Nutrition	3(2-1)
HND-506	Diet Modeling and Counseling	3(1-2)
HND-508	Vitamins & Minerals in Nutrition	3(3-0)
BCH-602	Biochemistry of Diseases	3(1-2)
PHS-302	Functional Anatomy and Physiology-II	3(2-1)
PHM-701	General Pharmacology	3(3-0)

Semester-VII

Code	Course Title	C/Hr.
HND-601	Medical Nutrition Therapy	3(2-1)
HND-603	Nutrition in exercise & sports	3(3-0)
HND-605	Nutritional Deficiency Disorders	3(2-1)
HND-607	Infant and Young Child Feeding	3(2-1)
HND-609	Research Projects and Scientific Writing	2(1-1)
HND-611	Nutrition Policy and Public Health	3(3-0)

Semester-VIII

Code	Course Title	C/Hr.
HND-632	Internship (Six Months) and Report Writing	10(0-10)

BBA Business Administration

Vision

To be a leading business school in the region with visible presence, marked excellence and exclusive traditions aspires to transforming graduates into competent, dedicated and skilled business professionals.

Mission

To provide quality education to business graduates through inculcating in them the conceptual knowledge synergized with practical applications by utilizing the state-of-the-art equipment and infrastructure with experienced, trained and qualified faculty. UCM's Business Department is thriving to transform individuals into skilled professionals trimmed fine enough in catering to exclusive demand of top notch conglomerates and enabling them to contribute their drastic role in the development and prosperity of their families, society and overall country specifically.

Introduction

Since its inception, Montgomery School of Business is exerting painstaking efforts to build marked reputation for producing business graduates fully equipped with professional excellence and excelled moral values. At MSB, the students are inculcated knowledge and skills through exceptionally talented and experienced faculty enriched in generating ideas coupled with experimental learning, exposure to real time problems and hands on leadership/team work experiences. The outgoing graduates are enriched with pivotal urge to lead, eager to explore and design the practical solutions to everyday business problems/ opportunities. The prime focus of all programs at Montgomery Business School is to groom the graduates into responsible personalities powered with devotion, practical and methodological skills and persistent enthusiasm towards goal accomplishments.

Academic Programs: BBA

Eligibility: at least 45% marks

in intermediate or equivalent

Duration: 04 years (08 Semesters)

Degree Requirements: Minimum 124 Credit Hours.

BBA Business Administration

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
BSSC-3101	Functional Englis-1	3
BSSC-3102	Introduction to psychology	3
BSSC-3103	Islamic/ Pak Studies	3
BCMP-3101	Introduction to Computers	3
BMGT-3101	Introduction to Business	3
BACC-3101	Introduction to Book & Accounting	3
	Total	**18**

Semester-II

Code	Course Title	C/Hr.
BSSC-3204	Functional English-I	3
BMAT-3201	Applied Mathematics	3
BACC-3202	Financial Accounting	3
BSSC-3205	Logic	3
BECO-3201	Micro Economics	3
	Total	**15**

Semester-III

Code	Course Title	C/Hr.
BSTA-4202	Statistics	3
BACC-4204	Advn. Financial Accounting	3
BMAT-4202	Business Law	3
BECO-4203	Macro Economics	3
BLAW-4203	Money & Banking & Credit Mgt	3
BSTA-4202	Business Taxation	3
	Total	**18**

Semester-IV

Code	Course Title	C/Hr.
HU-111	Statistical Inferences	3
CS-112	Cost Accounting	3
HU-113	Calculus	3
MT-144	Pakistan Economy	3
MT-115	Company Law	3
	Total	**15**

Semester-V

Code	Course Title	C/Hr.
BMKT-5101	Applied Physics	3
BACC-5105	Computer Aided Drafting	3
BMGT-5103	Applied Mathematics-II	3
BSSE-5106	Industrial Material	3
BMAT-5103	Pakistan Studies	3
BCMP-5102	Applied Mechanics	3
	Total	**18**

Semester-VI

Code	Course Title	C/Hr.
BHRM-5101	Human Resource Management	3
	Industrial & management Accounting	3
BAAC-5206	Applied Business Research	3
BBRM-5201	Economic Theory and Issues	3
BECO-5204	Financial Management	3
BFIN-5201	Management Information System	3
BCMP-5203	**Total**	**18**

Semester-VII

Code	Course Title	C/Hr.
BMGT-6104	Production & Operations Management	3
BMGT-6105	Entrepreneurship	3
BECO-6105	Managerial Economics	3
	Elective-I	3
	Elective-II	3
	Total	**15**

Semester-VIII

Code	Course Title	C/Hr.
BMGT-6206	Strategic Business Management	3
BMGT-6207	Organizational Behavior	3
BECo-6208	Total Quality Managment	3
	Elective-I	3
	Elective-II	3
	Total	**18**

BS Sociology

Introduction

Sociology is an illuminating area of study that conceptualizes and explains most important matters of our lives. Sociology with the help of sociological perspectives aims at investigating social issues and their causes at national and international level. The subject matter of sociology includes Social Institution, Social issues, social relationship, gender identity, family conflict, poverty and wealth, prejudice and discrimination. At global level sociology investigates the causes and consequences of high population, war and peace and economic development. The horizon of sociology is very broad both in knowledge and practice. It is a diverse field of study of human behavior and the structure and function of human society. Sociologists are concerned with understanding various social institutions within the social structure such as family, economy, politics, religion, social class, race and culture etc. through sociological lens by applying various theoretical and research paradigms.

Mission

Our mission is to guide the students through teaching and research to provide a systematic understanding of human societies and cultures. This includes an understanding of how societies and cultures shape individuals and how, in turn, informed social action can create meaningful social change. Our students experience a rigorous curriculum involving methodological, theoretical, experiential, and substantive training aimed at enhancing critical thinking, social awareness, and a globally-oriented conception of inequality and justice. As a result, our graduates are prepared for a range of career options, post-graduate educational opportunities, and a life of engaged, democratic citizenship.

Academic Programs: BS Sociology

Eligibility: at least 45% marks

in intermediate or equivalent

Duration: 04 years (08 Semesters)

BS Sociology

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
SOC-101	Introduction to Sociology	3
HUM-163	Functional English	3
CS-103	Introduction to Computer	3
HUM-102	Pakistan Studies	3
HUM-369	Logic and Critical Thinking	3
	Total	15

Semester-II

Code	Course Title	C/Hr.
SOC-216	Development of Social Thought	3
HUM-268	Communication Skills	3
PSY-101	Introduction to Psychology	3
ECON-204	Introduction to Economics	3
HUM-101/112	Islamic Studies/Ethics	3
MATHA-119	Mathematics	3
	Total	18

Semester-III

Code	Course Title	C/Hr.
SOC-317	Sociological Theories	3
POLS-101	Introduction to Political Science	3
PSY-304	Social Psychology	3
ENVIRON-101	Introduction to Environmental Sciences	3
MC-112	Introduction to Mass Communication	3
MGMT-104	Introduction to Management	3
	Total	18

Semester-IV

Code	Course Title	C/Hr.
SOC-453	Social and Cultural Anthropology	3
LAW	Introduction to Law	3
SOC-217	Gender Studies	3
SOC-431	Sociology of Development	3
SOC-377	Pakistani Society and Culture	3
SOC-447	Social Work	3
	Total	18

Semester-V

Code	Course Title	C/Hr.
SOC-346	Introduction to Social Research	3
SOC-455	Rural sociology	3
SOC-176	Introduction to Population Studies	3
SOC-376	Social Statistics	3
SOC-454	Urban Sociology	3
MGMT-304	Organizational Behavior	3
	Total	18

Semester-VI

Code	Course Title	C/Hr.
SOC-456	Sociology of Globalization	3
HUM-265	Technical Writing and Presentation Skills	3
SOC-432	Race and Ethnicity	3
RES-407	Quantitative Research Methodology	3
SOC-434	Sociology of Health and Medicine	3
SOC-438	Political Sociology	3
	Total	18

Semester-VII

Code	Course Title	C/Hr.
MGMT-402	Project Planning and Management	3
SOC-379	Community Development	3
SOC-439	Sociology of Violence and Terrorism	3
RES-404	Qualitative Research Methodology	3
RES-401	Thesis, Elective I	3
	Total	15

Semester-VIII

Code	Course Title	C/Hr.
	Elective I	3
	Elective III	3
	Elective IV	3
RES-401	Thesis	3
	Elective-II	3
	Total	18

BS Urdu

Introduction

Urdu is the national language as such it plays a vital role in the development of national harmony and act as a bridge for different languages of Pakistan. Indeed, it is the most common medium of instruction and communication. BS Urdu Language and Literature is need of the hour at national level, as its teaching and promotion has become necessary in the modern globalized cultures. Urdu language and literature cultivate our youth with national and moral ethos disseminating to their conscience.

Mission

Impart through grounding in various subjects of social sciences, natural sciences, enabling them to comprehend relation between literature and other disciplines directly and indirectly. It is expected that student graduating with this degree will be able to apply the knowledge that they acquire during the course of this program, in their future professional and personal activities.

Academic Programs: BS Urdu

Eligibility: at least 45% marks in intermediate or equivalent

Duration: 04 years (08 Semesters)

BS Urdu

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
1	English –I	3
2	Arabic Studies -I	3
3	IT-I	3
4	Islamic Studies Compulsory	3
5	2 General subjects	3
6		3
	Total	18

Semester-II

Code	Course Title	C/Hr.
1	English –II	3
2	Arabic Studies -II	3
3	Pak Studies	3
4	IT-II	3
5	2 General subjects	3
6		3
	Total	18

Semester-III

Code	Course Title	C/Hr.
1	English –III	3
2	Quran Studies	
3	Math-I	3
4	Arabic Studies -III	3
5	2 General subjects	3
6		3
	Total	15

Semester-IV

Code	Course Title	C/Hr.
1	Arabic Studies -IV	3
2	Fiqh Studies-I	3
3	Fiqh Studies-II	3
4	Hadith Studies	3
5	2 General subjects	3
6	Total	15

Semester-V

Code	Course Title	C/Hr.
1	Al-Quran-I	3
2	Al-Hadith-I	3
3	Arabi Zuban o Adab-I	3
4	Tarikh e Islam-I	3
5	Islami Akhlaq o Tsawuf	3
6	Basic Islamic Knowledge (in English language)	3
	Total	18

Semester-VI

Code	Course Title	C/Hr.
1	Al-Quran-II	3
2	Al-Hadith-II	3
3	Arabi Zuban o Adab-II	3
4	Tarikh e Islam-II	3
5	Taqabul e Adyan	3
6	Tedrees-e-Islami ki Maharat	3
	Total	18

Semester-VII

Code	Course Title	C/Hr.
1	Research & Compilation	3
2	Stylistic Study of Urdu Prose	3
3	Research Work(A)	3
4	Modern Urdu Poetry	3
5	Farsi Language & Literature	3
6	Total	15

Semester-VIII

Code	Course Title	C/Hr.
1	Special Study of Iqbal (Intellectual,	3
2	Artistic & Description of Text)	
3	Evolution of Urdu Novel: 20th Century to till date	3
4	Discussion of Criticism	3
5	World Classic	3
6	Research Work (B)	3
	Total	15

BS Islamic Studies

Introduction

Islamic Studies Department emphasizes the study of all aspects of Islamic Education, such as teaching and understanding of Quran, its Tajweed and Qir'at, knowledge of Hadith literature, Classical and Contemporary Literature on Islamic Jurisprudence and Islamic Law, Islamic Arts, Islamic Culture and World Religions. The Department is unique among all Punjab Public Sector universities as it offers four specializations and a wide range of intensive courses and workshops under each specialization that keeps the students abreast with the classical as well as contemporary scholarship on Islam. It provides the students with requisite knowledge to understand Islam in contemporary scenario enables them to face the challenges posed to Muslims in this era of globalization.

Mission

To develop an enriched learning community that promotes academic achievement, leadership, and Islamic values. In our programs and research, our mission is to provide more than just an academic understanding of Islam, rather an "insider's view" of Islam bringing together education and spirituality, the classical and the modern, the academic and the practical.

Academic Programs: BS Islamic Studies

Eligibility: at least 45% marks

in intermediate or equivalent

Duration: 04 years (08 Semesters)

BS Islamic Studies

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
1	English –I	3
2	Arabic Studies -I	3
3	IT-I	3
4	Islamic Studies Compulsory	3
5	2 General subjects	3
	Total	**15**

Semester-II

Code	Course Title	C/Hr.
1	English –II	3
2	Arabic Studies -II	3
3	Pak Studies	3
4	IT-II	3
5	2 General subjects	3
	Total	**15**

Semester-III

Code	Course Title	C/Hr.
1	English –III	3
2	Quran Studies	3
3	Math-I	3
4	Arabic Studies -III	3
5	2 General subjects	3
	Total	**15**

Semester-IV

Code	Course Title	C/Hr.
1	Arabic Studies -IV	3
2	Fiqh Studies-I	3
3	Fiqh Studies-II	3
4	Hadith Studies	3
5	2 General subjects	3
	Total	**15**

General Subjects

+ Sociology-I&II
+ Pol. Sciences-I&II
+ Psychology-I&II
+ Education-I&II
+ History-I&II
+ Statistics-I&II
+ Geography-I&II
+ Economics-I&II
+ Mass Com-I&II
+ Fine Art-I&II

Semester-V

Code	Course Title	C/Hr.
1	Al-Quran-I	3
2	Al-Hadith-I	3
3	Arabi Zuban o Adab-I	3
4	Tarikh e Islam-I	3
5	Islami Akhlaq o Tsawuf	3
6	Basic Islamic Knowledge (in English language)	3
	Total	**18**

Semester-VI

Code	Course Title	C/Hr.
1	Al-Quran-II	3
2	Al-Hadith-II	3
3	Arabi Zuban o Adab-II	3
4	Tarikh e Islam-II	3
5	Taqabul e Adyan	3
6	Tedrees-e-Islami ki Maharat	3
	Total	**18**

Semester-VII

Code	Course Title	C/Hr.
1	Al-Fiqh-I	3
2	Dawat o Irshad	3
3	Islam ka Syasi Nizam	3
4	Islam ka Moasharti Nizam	3
5	Triqa e Tahqiq	3
6	Islam ka Moashi Nizam	3
	Total	**18**

Semester-VIII

Code	Course Title	C/Hr.
1	Al-Fiqh-II	3
2	Tareekh-e-Afkar o Uloom e Islami	3
3	Islam and Science	3
4	Islami Aqaed	3
5	Musalmanun kay Wasael–o-Msael	3
6	Islam and Philosophy or Ilm-ul-Kalam or	3
7	Thesis	
	Total	**18**

BS Education

Introduction

This is a broad-based composite program of preparing teachers of early childhood education, primary/elementary education, secondary education, literacy and adult education. After successfully completing the program, the degree holder will be eligible for employment as qualified teacher.

Mission

To provide leadership and inspiration for learning and human development in urban communities. To become a premier urban school of education recognized for its diversity, and known for excellence in teaching, learning and research.

Academic Programs: BS Education

Eligibility: at least 45% marks in intermediate or equivalent

Duration: 04 years (08 Semesters)

BS Educaion

Scheme of Studies

Semester-I

Code	Course Title	C/Hr.
UR 113	Arabic to understand Quran-I	3
GC 102	Basic Mathematics	3
ED 514	Introduction to the Use of Computer	3
ED-004	Development of Education in Pakistan	3
ED-006-A	English A	3
ED-010-A	Math A	3
	Total	18

Semester-II

Code	Course Title	C/Hr.
GC 023	Arabic to understand Quran-II	3
GC 302	Introduction to Economics	3
GC 303	Pakistani Culture and Society	3
ED-016	School Society and Teacher	3
ED-006-B	English B	3
ED-010-B	Math B	3
	Total	18

Semester-III

Code	Course Title	C/Hr.
ED 0014	Introduction to Management	3
GC 307	World History and Civilization	3
Gc308	Introduction to General Science	3
GC-305	Basics of Academic Writing	3
ED-006-C	English C	3
ED-010-C	Math C	3
	Total	18

Semester-VI

Code	Course Title	C/Hr.
GC 302	Islamic Worldview and Civilization-II	3
ED-025	Teaching and Learning Strategies and Reflective Practices	3
ED-028	Classroom Assessment	3
ED-029	School Management	3
ED-038-A	Teaching of English A	3
ED-042-A	Teaching of Math, A	3
	Total	18

Semester-V

Code	Course Title	C/Hr.
ED-024	Communication Skills	3
GC 301	Islamic Worldview and Civilization-I	3
ED-003	Philosophy of Education	3
ED-020	Educational Psychology	3
ED-021	Curriculum Development	3
	Total	15

Semester-IV

Code	Course Title	C/Hr.
OU 3014	Introduction to Law	3
Ed050	Social Work (A Practical Course devoted to Khidmah-e-khalq)	3
ED-036	Contemporary Trends and Issues in Education	3
ED-006-D	English D	3
ED010-D	Math D	3
	Total	15

Semester-VII

Code	Course Title	C/Hr.
ED-038-B	Teaching of English B	3
ED042- B	Teaching of Math B	3
ED-033	Educational Research	3
ED-034	Research Project and Report Writing	3
ED-046	Short-Term Internship	6
	Total	18

Semester-VIII

Code	Course Title	C/Hr.
ED-047	Long-Term Internship	15
	Total	15

Doctor of Physical Therapy

Introduction

Physical Therapy, also known as physiotherapy is a dynamic profession concerned with evaluation and rehabilitation of patient disabled by pain, disease, or injury and their treatment by physical therapeutic measure. The objective of the program is to produce group of highly competent physiotherapists to fulfill the increasing at national and international level.

Mission

The mission of the DPT program of COMAND College Sahiwal is to prepare students to become physical therapists that embrace evidence-based physical therapy practice, meet the multifaceted health needs of patients, consumers, and society, and participate in professional and community service. To fulfill this mission we create a stimulating and collaborative environment that promotes education, research, service, and leadership.

Vision

Recognized for collaborating as servant-leaders for healthcare who act compassionately, demonstrate excellence in clinical reasoning, and utilize a holistic approach to advance society's health and the overall human experience.

Academic Programs: Doctor of Physical Therapy (DPT)

Eligibility:

 Minimum 60% Marks in FSC Pre-Medical

Qualification

Matric Science (Physics, Chemistry & Biology as compulsory subjects)

FSc (Pre-Medical) with 50% marks minimum (Physics, Chemistry & Biology as compulsory subjects)

Gender Ratio: Open merit

Age limit: 14-35 years

Duration: 5 Years

Doctor of Physical Therapy

Scheme of Studies

SEMESTER/YEAR	NAME OF SUBJECT	CREDITS
	FIRST PROFESSIONAL YEAR	
FIRST	ANATOMY –I	4(3-1)
	PHYSIOLOGY-I	3(2-1)
	KINESIOLOGY-I	3(2-1)
	ENGLISH-I (FUNCTIONAL ENGLISH)	3(3-0)
	PAKISTAN STUDIES	2(2-0)
	BIOSTATISTICS-I	3(3-0)
		18
SECOND	ANATOMY –II	4(3-1)
	PHYSIOLOGY-II	3(2-1)
	KINESIOLOGY-II	3(2-1)
	ENGLISH-II (COMMUNICATION SKILLS)	3(3-0)
	ISLAMIC STUDIES / ETHICS	2(2-0)
	BIOSTATISTICS-II / UNIVERSITY OPTIONAL	3(3-0)
		18
	SECOND PROFESSIONAL YEAR	
THIRD	ENGLISH-III ((Technical Writing & Presentation Skills)	3(3-0)
	INTRODUCTION TO COMPUTER	3(2-1)
	ANATOMY –III	3(2-1)
	PHYSIOLOGY-III	3(2-1)
	BIOMECHANICS & ERGONOMICS-I	3(3-0)
	BIOCHEMISTRY & GENETICS I	2(2-0)
		17
FOURTH	ANATOMY-IV (Neuro Anatomy)	3(2-1)
	BIOMECHANICS & ERGONOMICS-II	3(2-1)
	BEHAVIORAL SCIENCES (Psychiatry & Psychology)	3(3-0)
	BIOCHEMISTRY& GENETICS II	2(2-0)
	EXERCISE PHYSIOLOGY	3(3-0)
	MEDICAL PHYSICS	3(2-1)
		17
	THIRD PROFESSIONAL YEAR	
FIFTH	PATHOLOGY & MICROBIOLOGY I	2(2-0)
	PHARMACOLOGY I	3(3-0)
	PHYSICAL AGENTS & ELECTROTHERAPY I	3(2-1)
	THERAPEUTIC EXERCISES & TECHNIQUES	3(2-1)
	SOCIOLOGY	2(2-0)
	HEALTH & WELLNESS	2(2-0)
	SUPERVISED CLINICAL PRACTICE I	3(0-3)
		18
SIXTH	PATHOLOGY & MICROBIOLOGY II	3(2-1)
	PHARMACOLOGY II	2(2-0)
	PHYSICAL AGENTS & ELECTROTHERAPY -II	3(2-1)
	MANUAL THERAPY	3(2-1)
	TEACHING METHODOLOGY & COMMUNITY MEDICINE	3(3-0)
	SUPERVISED CLINICAL PRACTICE II	3(0-3)
		17

	FOURTH PROFESSIONAL YEAR	
SEVENTH	MEDICINE I	3(3-0)
	SURGERY I	3(3-0)
	RADIOLOGY & DIAGNOSTIC IMAGING	3(2-1)
	MUSCULOSKELETAL PHYSICAL THERAPY	3(2-1)
	HUMAN GROWTH, DEVELOPMENT & COMMUNITY BASED REHABILITATION	2(2-0)
	SUPERVISED CLINICAL PRACTICE III	3(0-3)
		17
EIGHT	MEDICINE II	3(3-0)
	SURGERY II	3(3-0)
	NEUROLOGICAL PHYSICAL THERAPY	3(2-1)
	EVIDENCE BASED PRACTICE	3(2-1)
	PROSTHETICS & ORTHOTICS	2(2-0)
	SUPERVISED CLINICAL PRACTICE IV	3(0-3)
		17
	FIFTH PROFESSIONAL YEAR	
NINTH	CARDIOPULMONARY PHYSICAL THERAPY	3(2-1)
	EMERGENCY PROCEDURES & PRIMARY CARE IN PHYSICAL THERAPY	2(2-0)
	CLINICAL DECISION MAKING & DIFFERENTIAL DIAGNOSIS	3(3-0)
	SCIENTIFIC INQUIRY & RESEARCH METHODOLOGY	3(2-1)
	PROFESSIONAL PRACTICE (LAWS , ETHICS &ADMINISTRATION)	2(2-0)
	INTEGUMENTRY PHYSICAL THERAPY	2(2-0)
	SUPERVISED CLINICAL PRACTICE V	3(0-3)
		18
TENTH	OBSTETRICS & GYNAECOLOGICAL PHYSICAL THERAPY	2(2-0)
	PAEDIATRIC PHYSICAL THERAPY	2(2-0)
	GERONTOLOGY & GERIATRIC PHYSICAL THERAPY	2(2-0)
	SPORTS PHYSICAL THERAPY	2(2-0)
	SUPERVISED CLINICAL PRACTICE VI	4(0-4)
	RESEARCH PROJECT	6
		18
	TOTAL CREDITS	**175**

Note *

- This scheme of curriculum is also applicable to annual system; in which two consecutive semesters will be considered as one professional year.
- Credit hours distribution is as following:

  - **Theory:** one credit hour shall be equal to one hour of teaching per week throughout the semester.

  - **Practical / lab:** one credit hour shall be equal to two hours of lab work per week throughout the semester.

  - **Clinical:** one credit hour shall be equal to three hours of clinical work per week throughout the semester.

  - **Research:** One credit hour shall be equal to three hours of research work per week throughout the semester.

Eligibility: Minimum 60% Marks in FSC Pre-Medical

Fee Structure

BS (Zoology, Botany, Chemistry, Physics, Maths, HND, Food Science)

Fee Head	Fee
ADMISSION FEE (ONCE)	3,000
REGISTRATION FEE (ONCE)	As Per University
TUITION FEE (PER SEMESTER)	26,500
EXAMINATION FEE (PER SEMESTER)	As Per University
UNIVERSITY SHARE (PER SEMESTER)	As Per University

BS (English, Urdu, Islamic Studies, Sociology, Education, BBA)

Fee Head	Fee
ADMISSION FEE (ONCE)	3,000
REGISTRATION FEE (ONCE)	As Per University
TUITION FEE (PER SEMESTER)	22,500
EXAMINATION FEE (PER SEMESTER)	As Per University
UNIVERSITY SHARE (PER SEMESTER)	As Per University

BS (Computer Science, Information Technology)

Fee Head	Fee
ADMISSION FEE (ONCE)	3,000
REGISTRATION FEE (ONCE)	As Per University
TUITION FEE (PER SEMESTER)	23,500
EXAMINATION FEE (PER SEMESTER)	As Per University
UNIVERSITY SHARE (PER SEMESTER)	As Per University

Doctor of Physical Therapy

Fee Head	Fee
ADMISSION FEE (ONCE)	10,000
REGISTRATION FEE (ONCE)	As Per University
TUITION FEE (PER SEMESTER)	65,000
EXAMINATION FEE (PER SEMESTER)	As Per University
UNIVERSITY SHARE (PER SEMESTER)	As Per University

COMAND College of Nursing

UNIVERSITY COLLEGE OF MONTGOMERY

Programes Offered

◆ **BS Nursing** (4 Year)

◆ **Post RN** (2 Year)

◆ **LHV** (Lady Health Visitor)

◆ **CNA** (Certified Nursing Assistant)

◆ **CM** (Community Midwifery)

Fee Schedule

Program	BSN	LHV	CMW	CNA
Full Name	BS Nursing	Lady Health Visitor	Community Midwifery	Certified Nursing Assistant
Duration	4 Year	2 Year	2 Year	2 Year
Admission Fee (Once)	20,000	7,500	7,500	7,500
Registration Fee (Once)	7,500	5,000	5,000	5,000
Examination Fee (Per Year)	7,500	5,000	5,000	5,000
Tution Fee (Per Year)	1,80,000	45,000	45,000	45,000
HospitalTraining Fee (Per Year)	20,000	7,500	7,500	7,500

COMAND College
OF
PHARMACY
Sahiwal

Principal's Message

"It's a great pleasure for me to welcome you at COMAND College of Pharmacy (CCP), an institute that is dedicated to the proper growth, grooming, and development of each student for a better career prospect. This institute is all set to bring out the potential of each student. It will provide you a proper guidance so that your potential should be maximized. It will make you the best health care provider and researcher in future. CCP will make you capable enough to meet the professional challenges. We will build a cohort of highly competent pharmacists to ensure the proper patient care.

In the future, we will develop different teaching modules like problem-based learning, bedside pharmacy practices, and pharmaceutical care planning to improve your skills for the wellbeing of humanity. Moreover, we will enhance communication skills, critical thinking abilities, moral values, and a sense of responsibility in future healthcare leaders. So that they can contribute their best to society and the country. The state-of-the-art infrastructure, modern and well-equipped laborites, dedicated staff, foreign qualified, and foreign faculty will contribute to your career building.

All team members of CCP will be thoroughly engaged to train the best clinical pharmacist in the world. Seminar series, online zoom lectures, and webinars will be organized occasionally. The participation of students in national and international conferences will be ensured. I am confident that graduates of CCP will be professionally sound and confident with good leadership skills.

My best wishes to all students.

Dr. Muhammad Tariq

Pharm-D (5 Years)

Introduction

The COMAND College of Allied health sciences aims to accomplish and materialize the vision for the provision of quality pharmacy education in Pakistan. The education system is not only sensitive to the local needs of Pakistan but endeavors to live up to the international standards so that the pass out students can contribute to the latest developments in the profession through research, practice and education.

The COMAND College of Allied health sciences significantly advanced in providing exemplary education to pharmacy students. To meet the human resource needs and to promote the research culture in the country in the areas of Clinical Pharmacy, Community Pharmacy, Pharmaceutical Technology, Industrial Pharmacy, Pharmaceutical Microbiology and Molecular Biology. Academically, is it one of the institutes having employed highly qualified academicians harboring various skills and expertise. The Institute maintains air - conditioned, multimedia fitted lecture halls and purpose built modern laboratories equipped with the latest instruments.

Mission

The mission of COMAND College of Allied health sciences is to provide excellence in pharmacy education and emerging related disciplines, and, to prepare highly skilled leaders and innovators to excel in pharmacy practice, education, research and public service.

<u>**Academic Programs:-**</u>

Pharm - D

<u>**Eligibility:**</u>

Applicants who have completed their F.Sc, (Pre Medical), A Levels, or 12 years of equivalent studies can apply for this program. In general, students who have Scored 60% marks in above said programs are eligible to apply

<u>**Duration:**</u> 05 Years

Pharm-D

Scheme of Studies

First Professional

	Theory	
Paper 1	Pharmaceutical Chemistry-I (Organic)	100
Paper 2	Pharmaceutical Chemistry-II (Biochemistry)	100
Paper 3	Pharmaceutics-I (Physical Pharmacy)	100
Paper 4	Physiology	100
Paper 5	Anatomy & Histology	50
Paper 6	English	100
	Practical	
Paper 7	Pharmaceutical Chemistry-I (Organic)	100
Paper 8	Pharmaceutical Chemistry-II (Biochemistry)	100
Paper 9	Pharmaceutics-I (Physical Pharmacy)	100
Paper 10	Physiology	100
Paper 11	Anatomy & Histology	50
	Total Marks:	**1000**

Second Professional

	Theory	
Paper 1	Pharmaceutics-II (Dosage Forms Science)	100
Paper 2	Pharmacology and Therapeutics-I	100
Paper 3	Pharmacognosy-I (Basic)	100
Paper 4	Pharmaceutics-III (Pharmaceutical Microbiology & Immunology)	100
Paper 5	Pakistan Studies and Islamic Studies (Compulsory)	100
Paper 6	Pharmacy Practice-I (Pharmaceutical Mathematics and Biostatistics)	100
	Practical	
Paper 7	Pharmaceutics-II (Dosage Forms Science)	100
Paper 8	Pharmacology and Therapeutics-I	100
Paper 9	Pharmacognosy-I (Basic)	100
Paper 10	Pharmaceutics-III (Pharmaceutical Microbiology & Immunology)	100
	Total Marks:	**1000**

Third Professional

	Theory	
Paper 1	Pathology	50
Paper 2	Pharmacology and Therapeutics-II	100
Paper 3	Pharmacognosy-II (Advanced)	100
Paper 4	Pharmacy Practice-II (Dispensing, Community, Social & Administrative Pharmacy)	100
Paper 5	Pharmaceutical Chemistry-III (Pharmaceutical Analysis)	100
Paper 6	Pharmacy Practice -III (Computer and its Applications in Pharmacy)	50
	Practical	
Paper 7	Pathology	50
Paper 8	Pharmacology and Therapeutics-II	100
Paper 9	Pharmacognosy-II (Advanced)	100
Paper 10	Pharmacy Practice-II (Dispensing, Community and Social & Administrative Pharmacy)	100
Paper 11	Pharmaceutical Chemistry-III (Pharmaceutical Analysis)	100
Paper 12	Pharmacy Practice -III (Computer and its Applications in Pharmacy)	50
	Total Marks:	**1000**

Fourth Professional

	Theory	
Paper 1	Pharmacy Practice-IV (Hospital Pharmacy)	100
Paper 2	Pharmacy Practice -V (Clinical Pharmacy-I)	100
Paper 3	Pharmaceutics-IV (Industrial Pharmacy)	100
Paper 4	Pharmaceutics-V (Biopharamceutics and Pharmacokinetics)	100
Paper 5	Pharmaceutics-VI (Pharmaceutical Quality Management)	100
	Practical	
Paper 6	Pharmacy Practice -V (Clinical Pharmacy-I)	100
Paper 7	Pharmaceutics-IV (Industrial Pharmacy)	100
Paper 8	Pharmaceutics-V (Biopharamceutics and Pharmacokinetics)	100
Paper 9	Pharmaceutics-VI (Pharmaceutical Quality Management)	100
	Total Marks:	**900**

Fifth Professional

	Theory	
Paper 1	Pharmaceutical Chemistry-IV (Medicinal Chemistry)	100
Paper 2	Pharmacy Practice -VI (Advanced Clinical Pharmacy-II)	100
Paper 3	Pharmaceutics-VII (Pharmaceutical Technology)	100
Paper 4	Pharmacy Practice -VII (Forensic Pharmacy)	100
Paper 5	Pharmacy Practice-VIII (Pharmaceutical Management and Marketing)	100
	Practical	
Paper 6	Pharmaceutical Chemistry-IV (Medicinal Chemistry)	100
Paper 7	Pharmacy Practice -VI (Advanced Clinical Pharmacy-II)	100
Paper 8	Pharmaceutics-VII (Pharmaceutical Technology)	100
	Total Marks:	**800**

Grand Total Marks: 4700

Pharmacy Technician

(B. Category) 2 Years

Introduction

A Pharmacy technician is a healthcare person who performs different pharmacy related functions such as compounding and works under the supervision of a legally qualified and licensed pharmacist. A Pharmacy technician is also called a pharmaceutical technician. They can work either in retail or community pharmacy or in hospital pharmacy as well.

Mission

The mission of COMAND College of Allied health sciences is to provide excellence in pharmacy education and emerging related disciplines, and, to prepare highly skilled leaders and innovators to excel in pharmacy practice, education, research and public service.

Academic Programs:-

Pharmacy Technician

Eligibility:

Matriculation with science from a recognized institute of Pakistan

Duration: 02 Years

B Catagory Pharmacy Technician

Scheme of Studies

Part 1 (Theory)

Anatomy

Physiology

Biochemistry

Microbiology

Pharmacognosy

Pharmaceutics I

Part 1 (Precticals)

Anatomy and Physiology

Biochemistry and Microbiology

Pharmacognosy

Pharmaceutics I

Part 2 (Theory Paper)

Pharmaceutics II (Industrial and Quality Control)

Social behavior, Law and Ethics

Computer

Precticals

Pharmaceutics II (Industrial)

Pharmacology

Fee Schedule

Program	Pharm "D"
Full Name	Doctor of Pharmacy
Duration	5 Year
Admission Fee (Once)	32,500
Registration Fee (Once)	25,000
Examination Fee (Per Year)	As per BZU
Tution Fee (Per Year)	1,85,000
Practical & Inter Assessment Test fee (Per Year)	25,000

Program	B-Catagory
Full Name	Pharmacy Technician
Duration	2 Year
Admission Fee (Once)	7,500
Registration Fee (Once)	5,000
Examination Fee (Per Year)	As per Council (PCP)
Tution Fee (Per Year)	60,000
Practical & Inter Assessment Test fee (Per Year)	2,500

COMAND

Law
College
Sahiwal

Principal's Message

Knowledge coupled with virtue is the goal of the education. Advocacy by farowing helpless aggrieved is the task of the people dearest to Allah. Let us be an ideal advocate by putting hard work so we may be able to help the suffering humanity. Being associated with judiciary for a long time, I know the need to uplift the standard and level of legal education. This is the prime manifest of command law college sahiwal. Join hands to comprehend law better, inculcate the professional culture of advocacy and instill a sense of loyalty to serve the needy persons in the society.

Syed Awais Ashraf Gilani

District & Seccion Judge (R)
Principal
COMAND Law College
Sahiwal

Purposeful Building

The COMAND Law College Sahiwal, consists of 20 kanal in beautiful & purposeful building including lush green plots & grounds.
This building exclusively deal with law.

The Punjab Bar Council
Members
Sahiwal Division Sahiwal

Mr. Ejaz Ahmad Khan Baloch Advocate

Mr. Asif Shahzad Chaudhry Advocate

Mr. Arshad Ali Mahar Advocate

Tahir Shabbir Ch. Advocate

Muhammad Hussain Sangla Advocate

Teaching Staff

- Israr Ahmad (Advocate)   **LL.B**
- Samreen Iqbal (Advocate)   **LL.B**
- Imran Hameed (Advocate)   **LL.B**
- Tasgheer Ahmad Khan (Advocate)   **LL.B**
- Rashida Tasheen (Advocate)   **LL.B**
- Farzana Rizwan (Advocate)   **LL.B**
- Tasleem Nazir (Advocate)   **LL.B**
- Ghulam Mustafa Sadiq (Advocate)   **LL.B**
- Amorzia Abbas (Advocate)   **LL.B**
- Asif Sattar (Advocate)   **LL.B**
- Saba Chodary (Advocate)   **LL.B**
- Maqbool Hussain Shakir (Advocate)   **LL.B**
- Muhammad Huassain (Advocate)   **LL.B**
- Munawar Hussain (Advocate)   **LL.B, LL.M**
- M. Aftab Zafar (Advocate)   **LL.B**
- Tahir Parvaiz (Advocate)   **LL.B, LL.M**
- Zakir Shah (Advocate)   **LL.B**
- Malik Nazir Sultan (Advocate)   **LL.B**

LIBRARY

All Students are welcome to avail COMAND's Library facilities.

Each campus has its own independent library dealing with subject areas at that campus.

Our Stock comprises over 10,000 books.

Fully Furnished , air-conditioner & spacious reading rooms of each campus

attract students to spend the most leisure time in reading books there.
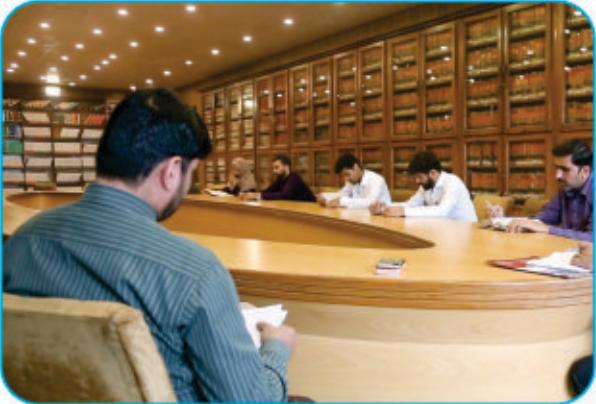
Moot Court

Practical Training Session for Law Students

Fee Schedule

LLB (5 Years)

Admission Fee (Once)	**10,000/-**
Registration Fee (Once)	**9,500/-**
Tution Fee (Per Year)	**1,00,000/-**
Exam Fee (Per Year)	**6000/-**

Eligibility:

- Intermediate with 45% Marks
- LAT Minimum 50% Marks
- Age Limit 26 Years

Note:

- The Exam fee & registration fee will not be included in college fee package.

Rules & Regulations

GENERAL AND DISCIPLINARY RULES All Students must abide by the College Rules and Regulations. Guidelines as may be promulgated by the College Administration from time to time. Breach of these Rules, Policies and Guidelines will render them liable to disciplinary, administrative and legal action including but not limited to imposition of fine, suspension or expulsion (both provisional and permanent) from the College.

1. No student is allowed to paste, exhibit, prepare or distribute any poster, leaflet, notice, pamphlet or handbill in the College premises without prior permission from the Principal.
2. Any student aggrieved by any happening in the College will lodge a complaint with the Principal and not with any outside authority unless the Principal permits him/her to do so.
3. Use of mobile phones and cameras are strictly prohibited in the College premises and during the College Functions. Mobiles and cameras confiscated will only be returned if disciplinary committee permits.
4. Smoking in the College premises is strictly prohibited.

Every student of the College is required to be punctual in the class.

5. Any student remaining absent from classes without proper permission for a continuous period of 06 days, excluding holidays, shall be struck off from the College Roll unless the cause of absence is explained to the satisfaction of the Principal. In that case, the student may be re-admitted within 15 days (after his name is dropped from College roll) on payment of Re-admission Fee and College Dues.
6. Students are forbidden to contact any higher authority directly. Intended communication with any higher authority must be submitted through the Principal who will forward it, if he/she considers it desirable.
7. The College authorities can revise dues without any prior notice. This revision will be applicable to all students enrolled at that time or in future.
8. No student is allowed to leave the class without the permission of his/her teacher or until the class is over.
9. Late-comers in the class may be marked absent.
10. Any student misbehaving in the classroom/College shall at once be reported to the Principal by the teacher. The Principal will take such action as he/she may deem proper. The teacher can recommend a penalty as well.
11. Any political or immoral activity is strictly prohibited in or around the College premises.
12. Fine as per policiy will be imposed for absence without proper leave.
13. Private telephone calls of the students will not be entertained. However, an emergency message can be conveyed.
14. Students must keep the College identity Card during their stay in the College premises and during College functions.
15. Students are required to wear the prescribed uniform while attending the College.
16. The College authorities reserve the right to revise any class schedule or to re-arrange the classes.
17. The College will not be responsible for loss of any mail/valuables sent to a student at the College address.
18. The College is not responsible for any loss/damage regarding the student's belongings.

19. The College students, while parking the bikes/motor cars, are required to put proper lock on them. The College administration shall not be responsible for any loss on this account, whatsoever.

20. The students who want to migrate from UCM College to any other college will have to pay full fee for Clearance.

21. Any false information on the Application Form may render the student liable to expulsion from the College.

22. The College grants fee-concessions and scholarships of different nature at the time of admission. These concessions and scholarships are applicable only to the current installment and must be renewed when the next fee installment is due. Mere recommendation for a fee-concession and scholarship does not entitle a student to its grant. Certain conditions and requirements must be fulfilled for eligibility.

23. Students can get benefits like Concessions, Scholarships in case of fulfilling the attendance requirements and observing the fee-schedule. However the application for fee concession must be submitted within the time frame given by the College. Applications received after the lapse of that time period will not be entertained. 90% attendance for scholarships and 80% for other concessions is mandatory.

24. Any fee concession/prize/scholarship is granted only at the discretion of the College Administration and can be withdrawn at anytime.

25. The College reserves the right to make, amend and introduce any rule as and when deemed appropriate.

26. If a student defaults in submission of College dues for a period of one month, his/ her name will be struck off from the College Roll.

27. Notwithstanding anything contained in any College Rule, Regulation, Policy or Guideline, if a student's Examination Admission Form, Roll No. Slip or Result Card is withheld by the College Administration, the name of the affected student shall deem to be provisionally struck off from the Roll of the College with immediate effect, whether he/she has been given notice of this action or not. In such an eventuality it will be the student's duty to apply to the concerned College Authorities for re-admission to the College. The College may in its sole discretion approve or disapprove such re-admission and may also impose such conditions and fines as it may deem necessary.

28. The Students alone are responsible for submission of their College dues/fee and observance of the College Rules, Regulations, Policies and Guidelines promulgated by the College from time to time. The College or its Administration shall not be liable for any loss accruing to the students due to any such failure or non-observance. As regards the financial liability of a Student, the Parent/ Guardian of the Student, signing the College Admission Form of the Student in such capacity, shall act as the surety of the Student and shall be jointly and severally liable to discharge any financial liability of the Student accruing under the College Rules, Regulations, Policies and Guidelines.

29. If the College Administration pays any amount to any Authority, Board, Government Department etc. on behalf of any Student (s), all such amounts will remain recoverable from such Student(s) as outstanding College Dues.

30. NOCs and College leaving certificates can only be issued if the student pays his/her all dues till the submission date of his/her

31. application for the issuance of these.

Students may apply for the cancellation of their admission (subject to the permission of Principal) within 15 days after getting admission, however no fee refund shall be made.

GALLERY

UNIVERSITY COLLEGE OF MONTGOMERY SAHIWAL

A Project Of COMAND Group of Colleges

Governor of Punjab
Muhammad Baligh Ur Rehman (Chancellor)
&
Chairman
Ch. Waheed-ul-Haq
COMAND Group of Collges

Ch. Muhammad Sarwar
Ex. Governor Punjab
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

Rafique Rajwana
Ex. Governor Punjab
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

3rd Convocation

His Excellency, Governor Punjab Ch Muhammad Sarwar attended convocation at COMAND Group of Colleges, Sahiwal on 12-July-2021. He certified the Students and congratulated the students on getting their degree. It was an indeed a glorious moment. He addressed the students and motivated them to face the upcoming challenges of life. He also inaugurated new constructed Department of Nursing.

Chairman BISE Sahiwal

Hafiz Muhammad Shafique paid a visit to UCM. During his visit, he stressed upon Clean Green Pakistan by inaugurating the plantation at UCM. He appreciated the quality of education provided by UCM to students.

Chairman BISE Sahiwal

Rana Abdul Shakoor paid a visit to UCM. He stressed upon Clean Green Pakistan movement by inauguratin the plantation at UCM. NABIA Campus was also inaugurated by the respectable Chairman, Rana Abdul Shakoor.

Commissioner Sahiwal Division

Venerable, Commissioner Arif Anwar Baloch visited UCM. His visit was felicitated by Clean Green Pakistan Campaign inauguration Mr.Arif Anwar Baloch also inaugurated the newly constructed COMMAND LAW College Campus. He addressed the students on facing the future challenges.

Deputy Commissioner Sahiwal Division

Honorable, Deputy Commissioner Babar Bashir visited UCM on 6-Feb-2021. During his visit, he Inaugurated the newly built Nabi Campus. He also participated in Students Oath Taking Ceremony. He addressed the students on facing the future challenges.

Divisional Police Officer

DPO, Ameer Taimoor Visited UCM on 9-Dec-2020. He planted a tree in UCM with Chairman COMAND Group of colleges Ch Waheed-ul-Haq.

Divisional Police Officer

DPO, Captain retired, Muhommad Ali Zia visited UCM on 23.12.2018. He inaugurated the plantation Campaign and also addressed the Christian Community and raised his voice for their equal rights.

Regional Police Officer, (RPO)

Mr. Tariq Abbas Qureshi paid a memorable visit to University college of Montgomery, Sahiwal. The newly constructed Ali and Nabi Campus was Inaugurated by the venerable RPO, Mr. Tariq Abbas Qureshi. He Participated in Oath taking ceremony of first-year students. He also addressed the students about the current Challenges and motivated them.

Regional Police Officer, (RPO)

Mr. Shariq Kamal Siddique paid a memorable visit to University College of Montgomery Sahiwal. He inaugurated Clean Green Pakistan drive during his visit. The newly constructed Ali and Nabi campus was also inaugurated by the venerable, RPO, Mr. Shariq Kamal . During his visit in the Montgomery Super League (MSL), he delivered a motivational speech and addressed the dynamic future stars of Pakistan.

Regional Police Officer, (RPO)

Mr. Dr. Mueen Masood Paid a memorable visit to University College of Montgomery, Sahiwal on 31 March 2022. He attended the ceremony of "SAY NO TO GRUGS" as a Chief Guest in UCM. He also address the students about the current challenges of drugs & also motivated them.

Prof. Dr. Tariq Mehmood Ansari
Vice Chancellor, BZU Multan
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

Prof. Dr. Muhammad Ali
Vice Chancellor, GCUF
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

Prof. Dr. Mehmood-ul-Hassan Butt
Vice Chancellor, AIOU Islamabad
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

Prof. Dr. Ch. Muhammad Akram
Vice Chancellor, UOS
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

Prof. Dr. Nasir Amin
Vice Chancellor, GCUF
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

Prof. Dr. Hassan Amir Shah
Vice Chancellor, GCU Lahore
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

Prof. Dr. Asghar Saadi
Vice Chancellor, GCU Lahore
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

Prof. Dr. Mansoor Akbar Kundi
Vice Chancellor, BZU Multan
and
Ch. Waheed-ul-Haq
Chairman COMAND Group of Collges

COMAND
Group of Colleges

COMAND LAW COLLEGE
SAHIWAL

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