

BIMS Barani Institute of Management Sciences



PROSPECTUS



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Affiliated with

**PIR MEHR ALI SHAH
ARID AGRICULTURE UNIVERSITY RAWALPINDI**



BARANI INSTITUTE OF MANAGEMENT SCIENCES BIMS **PROSPECTUS**





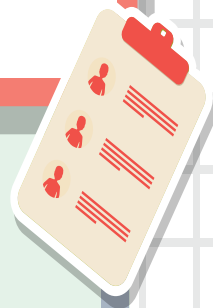
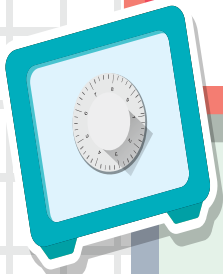
Welcome

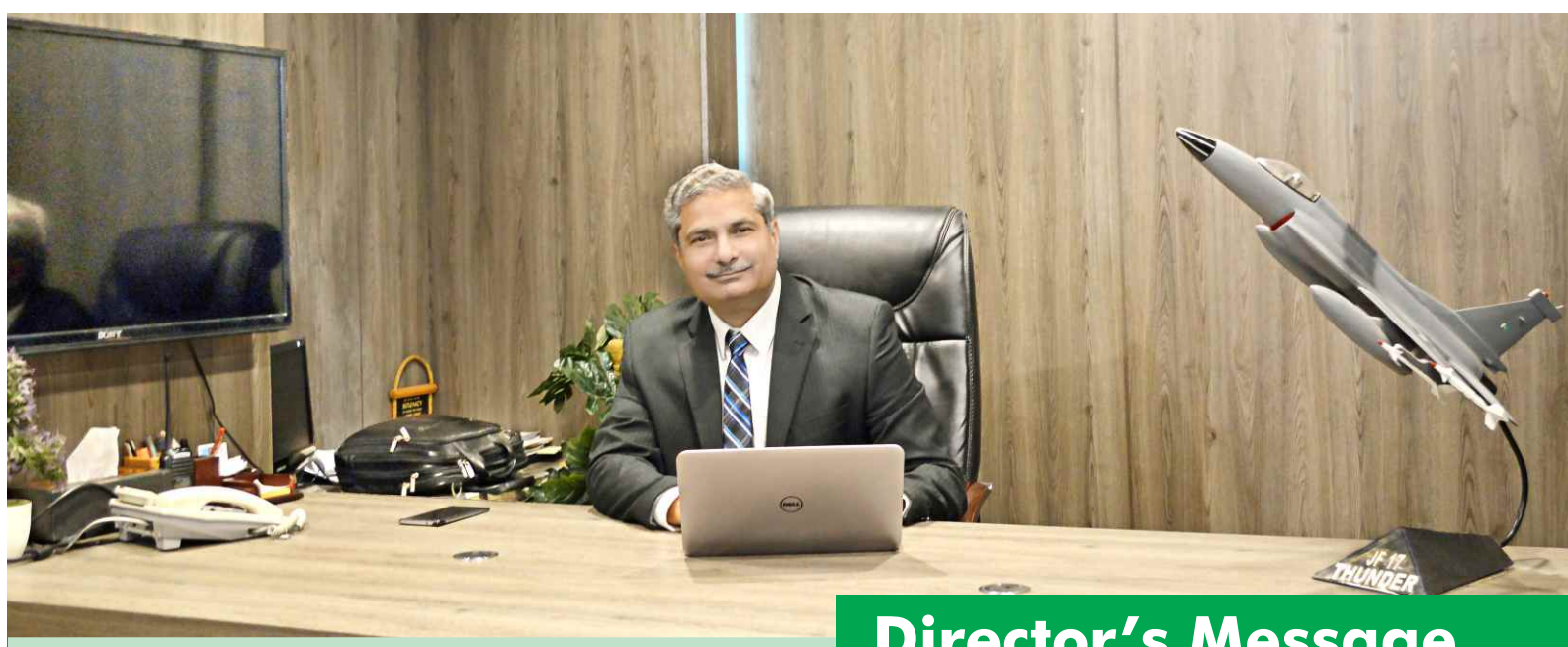
Thank you for Choosing the Barani Institute of Management Sciences (BIMS), an affiliate of Pir Mehr Ali Shah Arid Agriculture University Rawalpindi (PMAS – AAUR), as your almamater. BIMS is committed to enhance the expertise of the students in their respective fields, leading towards better career prospects.

We are truly a national level institution with a large body of students, imparting education in the most congenial environment. The interaction amongst the students from different communities enables them to learn varied cultural values. The friendships so developed are lifetime indeed.

BIMS not only enables the students to attain various qualifications, but also provides them with ample opportunities to develop their proficiency, potentials, skills, capabilities, and know-how in their respective areas of interest.

Provision of avenues for employment and entrepreneurship after graduating, stand very high on the priority list of this institution. All out efforts are made to arrange internships for our students in various commercial setups where they could easily be absorbed on completion of this internship.





Director's Message

It gives me immense pleasure to greet prospective students to one of the dynamic and futuristic institutions available in the twin cities. We believe that in today's global economic climate, education is one of the most important factors contributing towards sustainability of any society. Consequently, BIMS aims to impart high-quality education to the youth with a view to mitigate global economic climate effects by combining knowledge, innovative concepts and productivity. The objective of education being imparted at BIMS is 'most importantly' to bring socio-economic benefit by way of offering indigenous solutions to our societal issues and high-tech requirements.

BIMS strongly feels that while theoretical education is the Scarlet thread which builds the base for higher learning, Creativity and Imagination are equally important for further academic advancement. Surely, it is the “wanting to know” which eventually results in “getting to know”. Hence, our foremost endeavor is to agitate the young minds in a manner that the spark of inquisitiveness is kindled and the ability to question and seek answers is generated.

In addition to imparting high quality education “character building” and “personality development” figure out very high on our priority list. Grooming the youth to become responsible citizens and inculcating a spirit of mental as well as physical self-discipline is vital for the uplift of any society. It is, therefore, our utmost effort to mould our students into disciplined, motivated and polished members of the community.

I am positive that you will find BIMS to be a rejuvenating experience, replete with a congenial, conducive and relaxed atmosphere. I wish you the best of luck and Godspeed.

Dr. Hafeez-ur-Rahman



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INTRODUCTION

Barani Institute of Management Sciences (BIMS) is an affiliate of Pir Mehr Ali Shah, Arid Agriculture University Rawalpindi. It was established in 2013 with the aim of providing a high-quality education to our youth in the fields of Management Sciences, Computer Sciences, Social/Natural Sciences etc. As a nascent institution, BIMS is in the process of establishing itself as one of the leading institutions in the country. Therefore, the institution is ought to become operationally efficient and more effective in achieving its objectives through excellent education, increased productivity and more knowledge driven work processes and practices.

Today, we can rightly claim with immense satisfaction and gratitude before Almighty existing standards. our look-out for measures to improve unabated and we are continually on the our quest for excellence continues However, like any dynamic organization, multifarious requirements of our students. available on the campus to meet the amplitude of requisite facilities which are successfully laid out an inordinate our standards and policies. We have Allah that we have managed to conform to

In line with our basic policy of 'Quality Education for All', our doors are open to all teaching environment (through the air-offer. BIMS provides a very conducive a solid educational base-BIMS has a lot to nurture their overall personality along with For the students who choose to develop and displayed during their previous semesters. which is linked to their performance scholarships to students on 'need basis' of attaining quality education. We also offer our facilities to any Pakistani youth desirous or class and we remain committed to extend individuals regardless of their religion, race Service. including the very convenient Metro Bus the city, linked by all modes of transport extremely accessible location in the heart of of that, much more awaits you at an reasonably diverse and rich library). On top workshops and laboratories, and a conditioned class rooms, elaborate

If you have the potential and the desire to become a useful, educated and motivated your mind while time lasts. Success in your life. Therefore, make up attributes that are essential to ensure inculcate in you and equip you with all those member of society, we have the means to

Surely, you would find BIMS living up to your expectations in every possible manner.



VISION

BIMS envisions to become world leader in imparting quality education so as to prepare professionals who are capable of bringing socio-economic benefits to the society by way of providing exemplary educational and related services.



MISSION

BIMS aims at preparing outstanding educators, scholars, researchers and managers in a conducive environment of learning for creative, analytical and critical thinking to solve global societal problems through teaching and focused research.



WHY BIMS?

- BIMS is located at the educational hub, the heart of Rawalpindi/Islamabad on main Murree Road. This advantageous location provides round the clock accessibility through public and private transport.
- BIMS campus has a Western look with air-conditioned lecture halls (equipped with multimedia facilities), laboratory and workshops.
- BIMS has elaborate security arrangements including security guards and closed-circuit TV (CCTV) cameras installed at various locations all over the campus. Students are issued with BIMS ID cards for identification.
- Dedicated in-house parking for faculty, students and visitors is available. Vehicle stickers are issued to ensure authorized entry only.
- Every student is given individual attention. Every section has a dedicated Faculty Advisor who helps them in career planning and personality grooming. Their performance is regularly monitored and they are advised / counselled accordingly.
- In addition to above, a special support is provided to student through "Tutorial Group" comprising students from all semesters supervised by faculty, thus providing better help to weaker students.
- Extra coaching classes are also arranged for weak students.
- There is a common room for female students to relax during break time.
- BIMS has strong industrial linkages. The faculty at BIMS is also involved in carrying out industrial research at national level. This provides a golden chance to our students to work with them and get practical experience to supplement their classroom learning.
- A Design & Development House has expert professional engineers working on software and hardware projects both at national and international levels. This provides ample opportunities to the students to get hands-on experience and according, they may be considered for jobs even before they graduate.
- Seminars / workshops by professional experts are organized for students to broaden their horizon.
- Spacious cafeteria provides fresh and hygienic food items at economical prices.
- An on-campus stationary shop with photocopying, printing and scanning facilities is also available.





ACADEMIC STAFF

Dr. Hafeez-ur-Rahman	Principal
Dr. M. Shahid Khalil	Management Sciences
Dr. Javid Ullah Khan	Computer Sciences
Dr. Tahir Jamil	Computer Sciences
Dr. Sheikh Asim Hussain	Mathematics
Dr. Noureen Fatima	Management Sciences
Ms. Anum Rashid	Management Sciences
Mr. Nouman Al Hassan	Computer Sciences
Mr. Asim Hafeez	Mathematics
Ms. Qurat Ul Ain Amjad	Management Sciences
Mr. Fazal Ur Rehman Shamil	Computer Sciences
Ms. Bushra Bibi	Mathematics
Ms. Tabinda Naz	Mathematics
Ms. Mufzalla Rahim	Statistics
Mr. Muhammad Siddique	Computer Sciences
Mr. Muhammad Iftikhar	Computer Sciences
Mr. Muhammad Hassan	Computer Sciences
Ms. Tabassum Kanwal	Computer Sciences
Ms. Sumaira Aslam	Computer Sciences
Mr. Aman Aziz	Management Sciences
Mr. Muhammad Zeeshan	Management Sciences
Ms. Asma Rauf	Computer Sciences
Ms. Hira Rizwani	Management Sciences



ACADEMIC STAFF

Mr. Asadullah Mushtaq	Computer Sciences
Ms. Sadia Zar	Computer Sciences
Ms. Safina Bashir	Computer Sciences
Ms. Andleeb Sadiq	Computer Sciences
Ms. Asma Masood	English
Mr. Haroon ur Rasheed	English
Ms. Sania Arif	Management Sciences
Ms. Misbah Riaz	Management Sciences
Ms. Aiman Hafeez	Computer Sciences
Mr. Shahid Rathore	Computer Sciences
Mr. Saeed Nawaz	Computer Sciences
Ms. Saira Sultana	Computer Sciences
Ms. Asia Shahab	Computer Sciences
Ms. Tayyaba Kalsoom	Computer Sciences
Mr. Eimad Hafeez	Management Sciences
Col. Khalid Chohan	Management Sciences
Ms. Najam Us Sehar	Management Sciences
Ms. Fizza Shoukat	Computer Sciences
Mr. Jahanzaib Ali Khan	Computer Sciences
Mr. Mehdi Abbas	Computer Sciences
Ms. Aneela Zafar	Computer Sciences
Mr. Hafiz Javed	Islamic Studies
Mr. Sajjad Hussain	Islamic Studies



ADMINISTRATIVE STAFF

Dr. Hafeez-ur-Rahman	Director General
Ms. Chanda Hafeez	Director Students Counselling
Mr. Hassaan-ur-Rahman	Director IT
Mr. Muhammad Zeeshan	Director Finance
Mr. Lt Col (R) Javed Kamal	Director Quality Assurance Program
Mr. Muhammad Ejaz	Director Admin / HR
Mr. Sheikh Abdul Wahab	Deputy Controller, Examination
Ms. Hira Umair	Manager Health Care
Mr. Asad Mehmood	Asst. Director Quality Assurance Program
Ms. Hooria Hafeez	Manager Accounts, Payable
Mr. M. Hamid Javed	Manager Accounts, Receivable
Mr. M. Waqar Yousaf	Manager Labs
Mr. Umer Shahzad	Manager Computers
Ms. Farkhanda Rasool	Librarian
Mr. Abdul Basit	Assistant Registrar, Registration
Mr. M. Ahtisham ul Islam	Assistant Registrar, Enrollment
Mr. Hammad Rahim	Assistant Registrar, Examination
Mr. Raja Imran Khan	Assistant Registrar, Academic
Mr. Arslan Ali	Student Class Coordinator
Ms. Arooba Ikram	Finance Officer
Mr. Habib ur Rehman	Finance Officer



ADMINISTRATIVE STAFF

Mr. Ahmed Yaar	HR Assistant
Mr. Haider Ali	Lab Assistant
Mr. Rameez Anjum	Lab Assistant
Mr. Shahid Usman	Library Assistant
Mr. Muhammad Qasim	Computer Lab Assistant
Ms. Qaisra Zia	Computer Lab Assistant
Ms. Sumaira Touqeer	Computer Lab Assistant
Mr. Sarfraz Akram	Graphic Designer
Mr. Umar Farooq	Associate Engineer, Air Conditions
Mr. Shahid Mehmood	Assistant Engineer, Electrician
Mr. Muhammad Kamran	Office Boy
Mr. Amir Khan	Office Boy
Mr. Shahzaib Ali	Office Boy



UNIVERSITY BODIES

Syndicate

The syndicate is the executive body of the University subject to the provisions of the act and the statutes. It takes effective measures to raise the standard of teaching, research publications and other academic pursuits. It exercises general supervision over the affairs and management of the assets of the University. For further details please refer to the PMAS-AAUR catalogue.

Academic Council

The Academic Council is the academic body of the University which lays down proper standards of instruction, research, publications, examinations and to regulate and promote the academic life of the University. For further details please refer to the PMAS-AAUR catalogue.

The Board of Directors (BIMS)

The Board of Studies comprises the following:

- i. Director BIMS
- ii. Dean BIMS
- iii. Director / Chairperson of the University Department.
- iv. All Assistant Professors and above (BIMS)
- v. One member to be nominated by the Academic Council.



IMPORTANT UNIVERSITY RULES AND REGULATIONS

Discontinuation/Freezing of Semester

- (I) A student enrolled in a semester may discontinue his/her studies under the circumstances beyond his/her control with the permission of the Registrar Office before start of the Mid Semester Examination (MSE). The application in this regard must be received at least ten (10) days before start of the MSE.
- (ii) The maximum duration for discontinuation at a stretch is one year.
- (iii) Students may note that discontinued period will be counted towards the maximum duration allowed for completing the studies, which is SIX (06) years for a 4-year degree program and THREE (03) years for 2-year degree program.
- (iv) The minimum/required residency period to obtain 4-year degree program is EIGHT (08) Semesters and for 2-year degree program is SIX (06) Semesters.
- (v) Discontinuation of first two semesters for BS degree programs is not allowed.

Note: If discontinuation request is not received from the student while the student is not enrolled, the student shall be marked absent for the semester and his/her registration will be canceled. For re-registration in the subsequent semester, the student shall be liable to pay re-registration chargers as well as semester fee of the semester he/she was absent in.



Attendance Policy

- A candidate with less than 75% of attendance in theory and practical of each course separately will not be allowed to sit in the final examination of the course in the semester.

Credit Hours for Regular Semester

- The Maximum limit of Credit Hours which can be enrolled in a regular semester is 21 ch.
- Only two F courses can be enrolled within this limit.
- No D courses will be enrolled in regular semester.

Credit Hours for Summer Semester

- Maximum 10 Credit Hours can be enrolled in summer semester.
- Only (F & D) courses will be enrolled in summers semester..

Academic Standing:-

- (i) Grade Point Average
 Maximum grade point average 4.00
 Minimum grade point average for obtaining the Degree 2.50
- (ii) To remain on the roll of the university, a student shall be required to maintain the minimum CGPA required in each semester, as given below. This is also required for promotion to the next semester.

After Semester	Min. CGPA
1st	0.75
2nd	1.00
3rd	1.25
4th	1.50

After Semester	Min. CGPA
5th	0.75
6th	1.00
7th	1.25
8th	1.50

- (iii) A student who does not meet the requirement for promotion in the next semester (for the 1st time) must repeat the same semester. In case the same situation occur again (for the 2nd time) the student shall cease to be on the university roll.
- (iv) The course grades that a student earns in the repeated semester shall replace the previously earned course grades.
- (v) In the last semester, if a student fails to achieve 2.5 CGPA, he /she shall have to repeat the course/ courses with lowest grades, so as to make CGPA of 2.5 within the maximum time period (12 semesters) allowed for the degree.

Department of Computer Sciences





SCHEME OF STUDIES FOR BACHELOR OF SCIENCE IN COMPUTER SCIENCE - BSCS(GC)

The BSCS students are required to earn 136 credit hours. These courses are designed to meet the HEC requirements as proposed by National Curriculum Revision Committee.

S. No.	Code	Pre-Requisite	Course Title	Credit Hours
University Electives Courses (18/139)				
1	MGT-322		Financial Accounting	3 (3-0)
2	MGT-351		Introduction to Marketing	3 (3-0)
3	MGT-411		Introduction to Management	3 (3-0)
4	MGT-515		Introduction to Human Resource Management	3 (3-0)
5	ECON-301		Introduction to Economics	3 (3-0)
6	SSH-305		Foreign Languages	3 (3-0)
7	PSY-600		Psychology	3 (3-0)
8	SSH-304		International Relations	3 (3-0)
9	SSH-308		Personal Grooming & Character Development	2 (2-0)
10	SSH-309		Social Service	1 (1-0)
11	AGRO-301		Basic Agriculture	3 (2-2)
12	RSG-410		Introduction GIS & Spatial Analysis of Agriculture	3 (2-2)
Supporting Courses (09/130)				
13	MTH-315	MTH-310	Multivariable Calculus	3 (3-0)
14	MTH-415	MTH-315	Differential Equations	3 (3-0)
15	CS-572	MTH-310	Numerical Analysis (with MATLAB)	3 (2-2)
Computer Science- Electives Courses (21/130)				
16	CS-432	CS-423	Modern Programming Languages	3 (2-2)
17	CS-532		Computer Architecture	3 (3-0)
18	CS-553	CS-453	Object Oriented Analysis and Design	3 (2-2)
19	CS-566		Web Technologies	3 (2-2)
20	CS-575	CS-323	Computer Graphics	3 (2-2)
21	CS-597		Cyber Security	3 (3-0)
22	CS-601	CS-400	Database Administration & Management	4 (3-2)
23	CS-666	CS-566	Web Engineering	3 (2-2)
24	CS-685		Human Computer Interaction	3 (2-2)
25	CS-682		System Programming	3 (2-2)
26	CS-692	CS-423	Visual Programming	3 (2-2)
27	CS-693		Mobile Application Development	3 (2-2)
28	CS-695	CS-423	Theory of Programming Language	3 (2-2)



TENTATIVE SEMESTER WISE DISTRIBUTION OF COURSES-BSCS(GC)

SEMESTER I

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-300		Introduction to Information & Communication Technologies	3(2-2)
2	CS-323		Programming Fundamentals	4(3-2)
3	IS/ET-302		Islamic Studies/Ethics	2(2-0)
4	ELE-401		Basic Electronics	3(2-2)
5	ENG-305		English Comprehension	3(3-0)
6	MTH-310		Calculus and Analytical Geometry	3(3-0)

SEMESTER II

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-423	CS-323	Object Oriented Programming	4(3-2)
2	ENG-325		Communication & Presentation Skills	3(3-0)
3	CS-430		Digital Logic Design	4(3-2)
4	STT-500		Statistics & Probability	3(3-0)
			University Elective - 1	
			CS Supporting 1	

SEMESTER III

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-443	CS-323	Data Structures & Algorithms	4(3-2)
2	CS-335		Discrete Structures	3(3-0)
3	SSH-307		Professional Practices	3(3-0)
4	CS-530	CS-430	Computer Organization & Assembly Language	4(3-2)
			University Elective -2	
			CS Supporting 2	

SEMESTER IV

S. No.	Code	Pre -Req.	Course Title	Credit
1	CS-400		Database Systems	4(3-2)
2	MTH-435		Linear Algebra	3(3-0)
3	CS-542	CS-443	Analysis of Algorithms	3(3-0)
4	CS-536	CS-335	Theory of Automata & Formal Languages	3(3-0)
5	CS-583		Operating Systems	4(3-2)
			CS-Elective -1	



TENTATIVE SEMESTER WISE DISTRIBUTION OF COURSES-BSCS(GC)

SEMESTER V

S. No.	Code	Pre-Req.	Course Title	Credit
1	ENG-315		Technical & Business Writing	3(3-0)
2	CS-453		Software Engineering	3(3-0)
3	CS-636	CS-536	Compiler Construction	3(2-2)
			CS-Elective -2	
			University Elective -3	
			CS Supporting 3	

SEMESTER VI

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-577		Computer Networks	4(3-2)
2	CS-632		Artificial Intelligence	4(3-2)
3	SSH-302		Pakistan Studies	2(2-0)
			CS Elective 3	
			CS Elective 4	
			University Elective -4	

SEMESTER VII

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-698		Final Year Project-I	2(0-4)
2	CS-687		Parallel & Distributed Computing	3(2-2)
3			CS Elective 5	

SEMESTER VIII

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-497		Information Security	3(3-0)
2	CS-699	CS-698	Final Year Project-II	4(0-8)



SCHEME OF STUDIES FOR BACHELOR OF SCIENCE IN COMPUTER SCIENCE - BSCS(AI)

S. No.	Code	Pre-Requisite	Course Title	Credit Hours
Mathematics and Science Foundation Courses (12/130)				
1	MTH-310		Calculus and Analytical Geometry	3 (3-0)
2	MTH-435		Linear Algebra	3 (3-0)
3	MTH-415		Differential Equation	3 (2-2)
4	STT-500		Statistics and Probability	3 (3-0)
CS-Core (Compulsory) Courses (24/130)				
5	CS-430		Digital Logic Design	4 (3-2)
6	CS-530	CS-430	Computer Organization and Assembly Language	4 (3-2)
7	CS-542	CS-443	Analysis of Algorithms	3 (3-0)
8	CS-687		Parallel & Distributed Computing	3 (2-2)
9	CS-632		Artificial Intelligence	4 (3-2)
Artificial Intelligence Core Courses (09/130)				
10	AI-401	CS-632	Programming for Artificial Intelligence	3 (2-2)
11	AI-402	AI-401	Machine Learning	3 (2-2)
12	AI-503	AI-401	Artificial Neural Networks	3 (2-2)
13	AI-504	AI-401	Knowledge Representative & Reasoning	3 (3-0)
14	AI-505	AI-503	Computing Vision	3 (2-2)
15	AI-506	AI-503	Natural Language Processing	3 (3-0)
Artificial Intelligence Elective Courses (15/130)				
16	STT-502		Advance Statistics	3 (3-0)
17	CS-536	CS-335	Theory of Automata & Formal Languages	3 (3-0)
18	AI-403		Data Mining	3 (2-2)
19	AI-404	AI-402	Deep Learning	3 (3-0)
20	AI-501		Speech Processing	3 (3-0)
21	AI-502		Reinforcements Learning	3 (3-0)
22	AI-507		Fuzzy Systems	3 (3-0)
23	AI-508		Evolutionary Computing	3 (3-0)
24	AI-509		Swarm Intelligence	3 (3-0)
25	AI-510		Agent Based Modelling	3 (3-0)
26	AI-511		Knowledge Based Systems	3 (3-0)



TENTATIVE SEMESTER WISE DISTRIBUTION OF COURSES-BSCS(AI)

SEMESTER I

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-300		Introduction to ICT	3(2-2)
2	CS-323		Programming Fundamentals	4(3-2)
3	CS-335		Discrete Structures	3(3-0)
4	MATH-310		Calculus & Analytical Geometry	3(3-0)
5	ENG-305		English Composition & Comprehension	3(3-0)

SEMESTER II

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-423	CS-323	Object Oriented Programming	4(3-2)
2	CS-400		Database Systems	4(3-2)
3	MATH-435		Linear Algebra	3(3-0)
4	STT-500		Probability & Statistics	3(3-0)
5	ENG-325		Communication and Presentation Skills	3(3-0)

SEMESTER III

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-443	CS-323	Data Structures & Algorithms	4(3-2)
2	CS-497		Information Security	3(3-0)
3	CS-632		Artificial Intelligence	4(3-2)
4	CS-430		Digital Logic Design	4(3-2)
5	MATH-415		Differential Equations	3(3-0)

SEMESTER IV

S. No.	Code	Pre -Req.	Course Title	Credit
1	CS-577		Computer Networks	4(3-2)
2	CS-530		Computer Organization & Assembly Language	4(3-2)
3	CS-542	CS-443	Analysis of Algorithms	3(3-0)
4	AI-401	CS-632	Programming For Artificial Intelligence	3(2-2)
5	CS-583		Operating Systems	4(3-2)



TENTATIVE SEMESTER WISE DISTRIBUTION OF COURSES-BSCS(AI)

SEMESTER V

S. No.	Code	Pre-Req.	Course Title	Credit
1	AI-503	AI-401	Artificial Neural Networks	3(2-2)
2	AI-402	AI-401	Machine Learning	3(2-2)
3	AI-504	AI-401	Knowledge Representation & Reasoning	3(3-0)
4			AI Elective -1	3(3-0)
5			AI Elective -2	3(3-0)
6			University Elective-1	3(3-0)

SEMESTER VI

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-687		Parallel & Distributed Computing	3(2-2)
2	AI-505	AI-503	Computing Vision	3(2-2)
3	AI-506	AI-503	Natural Language Processing	3(3-0)
			AI Elective 3	3(2-2)
			AI Elective 4	3(3-0)
			University Elective -2	3(3-0)

SEMESTER VII

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-698		Final Year Project-I	2(0-4)
2	CS-453		Software Engineering	3(3-0)
3			University Elective-3	3(3-0)
4	ENG-315		Technical & Business Writing	3(3-0)
5	IS/ET-302		Islamic Studies/Ethics	2(2-0)

SEMESTER VIII

S. No.	Code	Pre-Req.	Course Title	Credit
1			University Elective-4	3(3-0)
2	CS-699	CS-698	Final Year Project-II	4(0-8)
3	SSH-307		Professional Practices	3(3-0)
4	SSH-302		Pakistan Studies	2(2-0)



SCHEME OF STUDIES FOR BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING - BSSE

<u>S. No.</u>	<u>Code</u>	<u>Pre-Req</u>	<u>Course Title</u>	<u>Credit Hours</u>
Software Engineering CORE(Compulsory) Courses (24/130)				
1	CS-652	CS-453	Software Project Management	3(3-0)
2	CS-685		Human Computer Interaction	3 (2-2)
3	CS-666	CS-565	Web Engineering	3 (3-0)
4	SE-415		Software Re-Engineering	3 (3-0)
5	SE-440		Software Design & Architecture	3 (2-2)
6	SE-454		Software Requirements Engineering	3 (3-0)
7	SE-540		Software Construction & Development	3 (2-2)
8	SE-542		Software Quality Engineering	3 (3-0)
Software Engineering-Elective Courses (15/130)				
9	CS-432	CS-423	Modern Programming Languages	3 (2-2)
10	CS-436		Big Data Analytics	3 (3-0)
11	CS-449		Cloud Computing	3 (3-0)
12	CS-548		Semantic Web	3 (3-0)
13	CS-553	CS-453	Object Oriented Analysis & Design	3 (2-2)
14	CS-559		Natural Language Processing	3 (3-0)
15	CS-566		Web Technologies	3 (2-2)
16	CS-575	CS-323	Computer Graphics	3 (2-2)
17	CS-601	CS-400	Database Administration & Management	4 (3-2)
18	CS-665		E-Commerce	3 (2-2)
19	CS-682		System Programming	3 (2-2)
20	CS-692	CS-423	Visual Programming	3 (2-2)
21	CS-693		Mobile Application Development	3 (2-2)
22	CS-695	CS-423	Theory of Programming Language	3 (2-2)
23	SE-446		Agent Based Software Engineering	3 (3-0)
24	SE-502		Global Software Development	3 (3-0)
25	SE-503		Information Systems Audit	3 (3-0)
26	SE-516		Software Metrics	3 (3-0)
27	SE-518		Topics in Software Engineering	3 (3-0)
28	SE-556		Real Time Systems	3 (3-0)
Software Engineering SUPPORTING courses (15/130)				
29	SE-441		Business Process Engineering	3 (3-0)
30	SE-442		Formal Methods in Software Engineering	3 (3-0)
31	SE-510		Introduction to Simulation & Modeling	3 (3-0)
32	CS-573		Operations Research	3 (3-0)
33	CS-673		Stochastic Processes	3 (3-0)



TENTATIVE SEMESTER WISE DISTRIBUTION OF COURSES-BSSE

SEMESTER I

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-300		Introduction to Information & Communication Technologies	3(2-2)
2	CS-323		Programming Fundamentals	4(3-2)
3	ENG-305		English Comprehension	3(3-0)
4	MTH-310		Calculus & Analytical Geometry	3(3-0)
5	ELE-401		Basic Electronics	3(2-2)
6	IS/ET-302		Islamic Studies/ Ethics	2(2-0)

SEMESTER II

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-423	CS-323	Object Oriented Programming	4(3-2)
2	ENG-325		Communication & Presentation Skills	3(3-0)
3	CS-335		Discrete Structures	3(3-0)
4	SSH-302		Pak Studies	2(2-0)
5	CS-453		Software Engineering	3(3-0)
			University Elective -2	

SEMESTER III

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-443	CS-323	Data Structures & Algorithms	4(3-2)
2	SE-454		Software Requirements Engineering	3(3-0)
3	CS-685		Human Computer Interaction	3(2-2)
4	MTH-435		Linear Algebra	3(3-0)
			University Elective-2	
			SE Supporting1	

SEMESTER IV

S. No.	Code	Pre-Req.	Course Title	Credit
1	CS-400		Database Systems	4(3-2)
2	CS-583		Operating Systems	4(3-2)
3	STT-500		Statistics & Probability	3(3-0)
4	SE-440		Software Design & Architecture	3(2-2)
			University Elective-3	
			SPDEO-Elective -1	



TENTATIVE SEMESTER WISE DISTRIBUTION OF COURSES-BSSE

SEMESTER V

S. No.	Code	Pre -Req.	Course Title	Credit
1	SE-540		Software Construction & Development	3(2-2)
2	CS-577		Computer Networks	4(3-2)
3	EN G-315		Technical & Business Writing	3(3-0)
			SE Supporting 2	
			University Elective -4	
			SE-Elective-2	

SEMESTER VI

S. No.	Code	Pre -Req.	Course Title	Credit
1	SE-542		Software Quality Engineering	3(3-0)
2	CS-497		Information Security	3(3-0)
3	SSH-307		Professional Practices	3(3-0)
4	CS-666	CS-565	Web Engineering	3(3-0)
5			SE Elective 3	
6			SE Elective 4	

SEMESTER VII

S. No.	Code	Pre -Req.	Course Title	Credit
1	CS-698		Final Year Project-I	2(0-4)
2	CS-652	CS-453	Software Project Management	3(3-0)
3			SE Supporting 3	
4			SE Elective 5	

SEMESTER VIII

S. No.	Code	Pre -Req.	Course Title	Credit
1	SE-415		Software Re-Engineering	3(3-0)
2	CS-699	CS-698	Final Year Project-II	4(0-8)

COMPUTER LABORATORIES

Dedicated Laboratories with individual computers for almost all students are available for computer based training. The computers are networked to a server along with overhead multimedia projectors to enable interactive, hands-on-training on computational professional softwares. The computer laboratories housing up-to-date computers are available for doing assignments & projects. Further, all time internet facility is available to students. As per requirement Computer Laboratories updated on regular basis as per Need.

Professional Software

As per the requirement, the computer Laboratories are updated on regular basis.

- DEV C++
- Dreamweaver
- Xampp Server
- Cisco Packet Tracer
- Visual Studio
- SQL Server
- Oracle 11G
- Lab View
- Proteus
- Multisim
- Electronic Work Bench
- Matlab
- Auto CAD
- SPSS Accountings



Department of Management Sciences





SCHEME OF STUDIES FOR BACHELOR OF BUSINESS ADMINISTRATION- BBA (2 Years)

<u>S. No.</u>	<u>Code</u>	<u>Course Title</u>	<u>Credit Hours</u>
1	IS-302	Islamic Studies	2(2-0)
2	MGT-391	Business Mathematics	3(3-0)
3	MGT-404	Business Communication-1	3(3-0)
4	MGT-321	Fundamentals of Accounting	3(3-0)
5	MGT-411	Principal of Marketing	3(3-0)
6	MGT-341	Introduction to Computers	3(3-0)
7	MGT-351	Principles of Managment	3(3-0)
8	SSH-302	Pakistan Studies	2(2-0)
9	MGT-424	Introduction to Business Finance	3(3-0)
10	MGT-371	Micro Finance	3(3-0)
11	MGT-322	Financial Accounting	3(3-0)
12	MGT-452	Marketing Managment	3(3-0)
13	MGT-405	Business Communication-11	3(3-0)
14	MGT-412	Introduction to Organizational Behaviour	3(3-0)
15	MGT-525	Introduction to Financial Managment	3(3-0)
16	MGT-492	Basic Statistics	3(3-0)
17	MGT-415	Introduction to Human Resource Managment	3(3-0)
18	MGT-615	Business Research Methods	3(3-0)
19	MGT-513	Corporate Law	3(3-0)
20	MGT-514	Introduction to Project Managment	3(3-0)
21	MGT-699	Project/Elective 7	3(3-0)
22	MGT-698	Internship	3(0-6)

<u>S. No.</u>	<u>Course No.</u>	<u>Pre-Req.</u>	<u>Course Title</u>	<u>Credit</u>
1	Specialization-1		(HRM / MKT /FIN)	3(3-0)
2	Specialization-2		(HRM / MKT /FIN)	3(3-0)
3	Specialization-3		(HRM / MKT /FIN)	3(3-0)
4	Specialization-4		(HRM / MKT /FIN)	3(3-0)
5	Specialization-5		(HRM / MKT /FIN)	3(3-0)
6	Specialization-6		(HRM / MKT /FIN)	3(3-0)



SCHEME OF STUDIES FOR THE ELECTIVE COURSES (Specializations) OFFERED IN BBA (Hons)

<u>S. No.</u>	<u>Code</u>	<u>Course Title</u>	<u>Credit Hours</u>
MARKETING			
1	MGT-560	Consumer Behavior	3(3-0)
2	MGT-561	Advertising and Promotion	3(3-0)
3	MGT-562	Sales Management	3(3-0)
4	MGT-663	Services Marketing	3(3-0)
5	MGT-664	Product and Brand Management	3(3-0)
6	MGT-665	Global Marketing	3(3-0)
7	MGT-666	Marketing Research	3(3-0)
8	MGT-667	Marketing Channels	3(3-0)
9	MGT-668	Strategic Marketing Planning	3(3-0)
10	MGT-669	Seminar in Marketing	3(3-0)
HUMAN RESOURCE MANAGEMENT			
11	MGT-581	Leadership	3(3-0)
12	MGT-582	Organizational Development	3(3-0)
13	MGT-683	Human Resource Development	3(3-0)
14	MGT-684	Learning and Management Development	3(3-0)
15	MGT-685	Collective Bargaining and Wage Policy	3(3-0)
16	MGT-686	International Human Resource Management	3(3-0)
17	MGT-687	Strategic Human Resource Management	3(3-0)
18	MGT-688	Seminars in Human Resource Management	3(3-0)
FINANCE			
19	MGT-530	Investment Banking	3(3-0)
20	MGT-531	Analysis of Financial Statements	3(3-0)
21	MGT-631	Securities Analysis and Portfolio Management	3(3-0)
22	MGT-632	Investment and Security Analysis	3(3-0)
23	MGT-633	Corporate Finance	3(3-0)
24	MGT-634	Credit Management	3(3-0)
25	MGT-635	Islamic Banking	3(3-0)
26	MGT-636	Portfolio Management	3(3-0)
27	MGT-637	Financial Institutions	3(3-0)
28	MGT-638	International Finance	3(3-0)
29	MGT-639	Money and Capital Markets	3(3-0)



SEMESTER WISE DISTRIBUTION OF COURSES-BBA (Hons)

SEMESTER I

S. No.	Code	Pre-Req.	Course Title	Credit
1	AGRO-301		Basic Agriculture	3(2-2)
2	SSH-302		Pakistan Studies	2(2-0)
3	MGT-304		Social Psychology and Self Development	3(3-0)
4	MGT-321		Fundamentals of Accounting	3(3-0)
5	MGT-341		IT in Business-I	3(3-0)
6	MGT-391		Business Mathematics	3(3-0)
7	MGT-404		Business Communication-I	3(3-0)

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SEMESTER II

S. No.	Code	Pre-Req.	Course Title	Credit
1	IS/ET-302		Islamic Studies/Ethics*	2(2-0)
2	MGT-322		Financial Accounting	3(3-0)
3	MGT-342		IT in Business-II	3(3-0)
4	MGT-351		Introduction to Marketing	3(3-0)
5	MGT-371		Micro Economics	3(3-0)
6	MGT-411		Introduction to Management	3(3-0)
7	SOS-301		Moral Foundation of Education	2(2-0)

Note: Muslim Students will enroll in Islamic Studies and non-Muslim will enroll in ethics.

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SEMESTER III

S. No.	Code	Pre-Req.	Course Title	Credit
1	MGT-405		Business Communication-II	3(3-0)
2	MGT-423		Cost Accounting	3(3-0)
3	MGT-452		Introduction to Marketing Management	3(3-0)
4	MGT-472		Macro Economics	3(3-0)
5	MGT-492		Business Statistics	3(3-0)
6	MGT-512		Introduction to Organizational Behaviour	3(3-0)

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SEMESTER IV

S. No.	Code	Pre-Req.	Course Title	Credit
1	MGT-407		Ethics in Business	3(3-0)
2	MGT-424		Introduction to Business Finance	3(3-0)
3	MGT-473		Introduction to Managerial Economics	3(3-0)
4	MGT-504		Managerial Accounting	3(3-0)
5	MGT-515		Introduction to Human Resource Management	3(3-0)
6	MGT-594		Introduction to Logic	3(3-0)

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SEMESTER WISE DISTRIBUTION OF COURSES-BBA (Hons)

SEMESTER V

S. No.	Code	Pre-Req.	Course Title	Credit
1	MGT-513		Corporate Law	3(3-0)
2	MGT-514		Introduction to Project Management	3(3-0)
3	MGT-525		Introduction to Financial Management	3(3-0)
4	MGT-526		Money and Banking	3(3-0)
5	MGT-580		Strategic Management	3(3-0)
6	MGT-595		Statistical Inference	3(3-0)

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SEMESTER VI

S. No.	Code	Pre-Req.	Course Title	Credit
1	MGT-493		Business Research Methods	3(3-0)
2	MGT-543		Introduction to Management Information System	3(3-0)
3	MGT-574		International Business	3(3-0)
4	MGT-696		Introduction to Production Operations Management	3(3-0)
5			Elective-I	3(3-0)
6			Elective-II	3(3-0)

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SEMESTER VII

S. No.	Code	Pre-Req.	Course Title	Credit
1	MGT-616		Total Quality Management	3(3-0)
2	MGT-644		Introduction to E-Commerce	3(3-0)
3	MGT-698		Internship	3(0-6)
4			Elective-III	3(3-0)
5			Elective-IV	3(3-0)

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SEMESTER VIII

S. No.	Code	Pre-Req.	Course Title	Credit
1	MGT-617		Entrepreneurship	3(3-0)
2	MGT-618		Contemporary issues in Management	3(3-0)
3	MGT-699		Project	3(0-6)
4			Elective-V	3(3-0)
5			Elective-VI	3(3-0)

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SCHEME OF STUDIES FOR THE ELECTIVE COURSES (Specializations) OFFERED IN BS (COMMERCE)

S. No. Code Course Title Credit Hours

ACCOUNTING

1	MGT-603	Corporate Reporting	3(3-0)
2	MGT-604	Public Sector Accounting	3(3-0)
3	MGT-605	Accounting For Associations Not-For-Profit	3(3-0)
4	MGT-606	Accounting Information System	3(3-0)
5	MGT-607	Analysis of Financial Statements	3(3-0)
6	MGT-608	International Accounting and Accounting for MNCs	3(3-0)

AUDITING

1	MGT-620	Auditing & Assurance	3(3-0)
2	MGT-621	Forensic & Investigation Auditing	3(3-0)
3	MGT-622	Internal Control System, Information Systems & Compliance	3(3-0)
4	MGT-623	Performance Audit & Evaluation	3(3-0)

FINANCE

1	MGT-632	Investment & Security Analysis	3(3-0)
2	MGT-633	Corporate Finance	3(3-0)
3	MGT-634	Credit Management	3(3-0)
4	MGT-635	Islamic Banking	3(3-0)
5	MGT-637	Financial Institution	3(3-0)
6	MGT-638	International Finance	3(3-0)
7	MGT-639	Money and Capital Markets	3(3-0)

TAXATION

1	MGT-624	Corporate Taxation	3(3-0)
2	MGT-625	Sales Tax, Excise Duty & Customs	3(3-0)
3	MGT-626	Local & Provincial Laws	3(3-0)
4	MGT-627	Global Taxation	3(3-0)



BANKING

1	MGT-609	Banking Laws & Practices	3(3-0)
2	MGT-610	Dynamics of Consumer Banking	3(3-0)
3	MGT-611	Marketing for Financial Services	3(3-0)
4	MGT-612	Commercial & Investment Banking	3(3-0)
5	MGT-614	Management of Banking Operations	3(3-0)
6	MGT-615	Central Banking & Global Banking	3(3-0)
7	MGT-619	Marketing For Financial Services	3(3-0)



SEMESTER WISE DISTRIBUTION OF COURSES-BS(COMMERCE)

SEMESTER I

S. No.	Code	Pre -Req	Course Title	Credit
1	IS/ET-302		Islamic Studies/Ethics	2(2-0)
2	ENG-301		Functional English	3(3-0)
3	MGT-310		Introduction to Business	3(3-0)
4	MGT-321		Principles of Accounting	3(3-0)
5	MGT-371		Micro Economics	3(3-0)
6	MGT-391		Business Mathematics	3(3-0)
7	MGT-304		Social Psychology & Self Development	3(3-0)

SEMESTER II

S. No.	Code	Pre -Req	Course Title	Credit
1	SSH-302		Pakistan Studies	2(2-0)
2	MGT-404		Business Communication -1	3(3-0)
3	MGT-341		IT in Business -1	3(3-0)
4	MGT-322		Financial Accounting	3(3-0)
5	MGT-472		Macro Economics	3(3-0)
6	MGT-492		Business Statistics	3(3-0)

SEMESTER III

S. No.	Code	Pre -Req	Course Title	Credit
1	MGT-423		Cost Accounting	3(3-0)
2	MGT-405		Business Communication-2	3(3-0)
3	MGT-424		Introduction to Business Finance	3(3-0)
4	MGT-427		Advanced Accounting -1	3(3-0)
5	MGT-351		Introduction to Marketing	3(3-0)
6	MGT-411		Introduction to Management	3(3-0)

SEMESTER IV

S. No.	Code	Pre -Req	Course Title	Credit
1	MGT-426		Corporate Laws & Secreterial Practices	3(3-0)
2	MGT-428		Advanced Accounting-2	3(3-0)
3	MGT-512		Introduction to Organizational Behaviour	3(3-0)
4	MGT-595		Statistical Inferences	3(3-0)
5	MGT-526		Money & Banking	3(3-0)
6	MGT-429		Economic Issues of Pakistan	3(3-0)



SEMESTER WISE DISTRIBUTION OF COURSES-BS (COMMERCE)

SEMESTER V

S. No.	Code	Pre -Req	Course Title	Credit
1	MGT-504		Managerial Accounting	3(3-0)
2	MGT-515		Introduction to HRM	3(3-0)
3	MGT-525		Financial Management	3(3-0)
4	MGT-502		Principles of Auditing	3(3-0)
5	MGT-452		Marketing Management	3(3-0)
6	MGT-407		Ethics in Business	3(3-0)

SEMESTER VI

S. No.	Code	Pre- Req	Course Title	Credit
1	MGT-594		Introduction to Logic	3(3-0)
2	MGT-602		Business Taxation	3(3-0)
3	MGT-580		Strategic Management	3(3-0)
4	MGT-527		E Accounting	3(3-0)
5	MGT-617		Entrepreneurship	3(3-0)
6	MGT-493		Business Research Methods	3(3-0)

SEMESTER VII

S. No.	Code	Pre -Req	Course Title	Credit
1	MGT-574		International Business	3(3-0)
2	MGT-698		Internship	3(0-6)
3			Elective 1	3(3-0)
4			Elective-2	3(3-0)
5			Elective-3	3(3-0)

SEMESTER VIII

S. No.	Code	Pre -Req	Course Title	Credit
1	MGT-600		Corporate Governance	3(3-0)
2	MGT-699		Research Project & Viva Voice	3(0-6)
3			Elective-4	3(3-0)
4			Elective-5	3(3-0)
5			Elective-6	3(3-0)

Department of Social Sciences





SEMESTER WISE DISTRIBUTION OF COURSES-BS ECONOMICS

SEMESTER I

S. No.	Code	Course Title	Credit
1	ECON-301	Introduction to Economics	3(3-0)
2	ECON-303	Introduction to Economy of Pakistan	2(2-0)
3	STAT-301	Basics of Statistics	2(2-0)
4	CS-301	Introduction to Computing	3(3-0)
5	MATH-301	Mathematics-I	3(3-0)
6	ENG-301	Functional English	3(3-0)
7	IS-301	Islamic Studies	2(2-0)
8	SOS-301	Moral Foundation of Education	2(2-0)

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SEMESTER II

S. No.	Code	Course Title	Credit
1	ECON-302	Introduction to Microeconomics	3(3-0)
2	ECON-304	Introduction to Macroeconomics	3(3-0)
3	ECON-306	Introduction to Marketing	3(3-0)
4	SOC-308	Introduction to Sociology	3(3-0)
5	MATH-302	Mathematics-II	3(3-0)
6	ENG-302	Communication Skills	3(3-0)
7	SSH-302	Pakistan Studies	2(2-0)

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SEMESTER III

S. No.	Code	Course Title	Credit
1	ECON-401	Agricultural Economics	2(2-0)
2	ECON-403	Introduction to Banking and Finance	3(3-0)
3	ECON-405	Econometrics-I	3(3-0)
4	ECON-407	Elementary Calculus	3(3-0)
5	ECON-409	Islamic Economics	3(3-0)
6	MGT-411	Introduction to Management	3(3-0)

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SEMESTER IV

S. No.	Code	Course Title	Credit
1	ECON-402	Institutional Economics	3(3-0)
2	ECON-404	Principles of Accounting	2(3-0)
3	ECON-406	Econometrics-II	3(3-0)
4	ECON-408	Development Economics-I	3(3-0)
5	MATH 415	Differential Equations	3(3-0)
6	STAT-402	Introduction to Statistics	3(3-0)

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SEMESTER WISE DISTRIBUTION OF COURSES-BS ECONOMICS

SEMESTER V

S. No.	Code	Course Title	Credit
1	ECON-501	Microeconomics	3(3-0)
2	ECON-503	Macroeconomics	3(3-0)
3	ECON-505	Economic Problems of Pakistan	3(3-0)
4	ECON-507	Mathematics for Economists	3(3-0)
5	ECON-509	Development Economics-II	3(3-0)
6	ECON-508	Human Resource Development	3(3-0)

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SEMESTER VI

S. No.	Code	Course Title	Credit
1	ECON-502	International Economics	3(3-0)
2	ECON-504	Production Economics	3(3-0)
3	ECON-506	Public Finance	3(3-0)
4	ECON-520	Seminar	1(1-0)
5	ECON-510	Political Economy of Pakistan	3(3-0)
6	ECON 512	Environmental Economics	3(3-0)

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SEMESTER VII

S. No.	Code	Course Title	Credit
1	ECON-601	International Trade	3(3-0)
2	ECON-603	Monetary Economics	3(3-0)
3	ECON-605	Rural Development	3(3-0)
4	ECON-607	Natural Resource Economics	2(2-0)
5	ECON-609	Managerial Economics	3(3-0)
6	STAT-601	Experimental Design	3(3-0)

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SEMESTER VIII

S. No.	Code	Course Title	Credit
1	ECON-602	Project Planning and Management	3(3-0)
2	ECON-604	Research Methods in Economics	2(1-2)
3	ECON-606	Marketing System Analysis	3(3-0)
4	ECON-608	Labour Economics	2(2-0)
5	ECON-619	Special Problem	1(1-0)
6	ECON-612	Internship	3(0-6)

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SEMESTER WISE DISTRIBUTION OF COURSES-BS(SOCIOLOGY)

SEMESTER I

S. No.	Code	Course Title	Credit
1	SOC-301	Introduction to Sociology	3(3-0)
2	SOC-303	Development of Social Thought	3(3-0)
3	STAT-301	Basics of Statistics	2(2-0)
4	CS-301	Introduction to Computing	3(3-0)
5	SOS-301	Moral Foundation of Education	2(2-0)
6	ENG-301	Functional English	3(3-0)
7	SOC-390	Seminar-I	1(1-0)

SEMESTER II

S. No.	Code	Course Title	Credit
1	SOC-302	Social Issue of Pakistan	3(3-0)
2	SOC-304	Rural Sociology	3(3-0)
3	STAT-302	Applied Statistics	3(3-0)
4	MATH-301	Mathematics-I	3(3-0)
5	ENG-302	Communication Skills	3(3-0)
6	SSH-302	Pakistan Studies	2(2-0)

SEMESTER III

S. No.	Code	Course Title	Credit
1	SOC-401	Classical Sociological Theories	3(3-0)
2	SOC-403	Social Psychology	3(3-0)
3	SOC-405	Gender Studies	3(3-0)
4	SOC-407	Governance and Social Policy	3(3-0)
5	IS-301	Islamic Studies	2(2-0)
6	ANTH-301	Concepts of Anthropology	3(3-0)

SEMESTER IV

S. No.	Code	Course Title	Credit
1	SOC-402	Contemporary Sociological Theory	3(3-0)
2	SOC-404	Research Methodology	3(3-0)
3	SOC-406	Community Development	3(3-0)
4	SOC-408	Population Studies	3(3-0)
5	SOC-410	Project Planning and Management	3(3-0)
6	CRM-301	Introduction to Criminology	3(3-0)



SEMESTER WISE DISTRIBUTION OF COURSES-BS(SOCIOLOGY)

SEMESTER V

S. No.	Code	Course Title	Credit
1	SOC-501	Research Design and Sociometry	3(3-0)
2	SOC-503	Rural Social Organization	3(3-0)
3	SOC-505	Sociology of Media	3(3-0)
4	SOC-507	Sociology of Health and Medicine	3(3-0)
5	SOC-509	Social Change and Transformation	3(3-0)
6	SOC-511	Urban Sociology	3(3-0)

SEMESTER VI

S. No.	Code	Course Title	Credit
1	SOC-502	Qualitative Research Methodology	3(3-0)
2	SOC-504	Organizational Behavior & Management	3(3-0)
3	SOC-506	Introduction to Social Work	3(3-0)
4	SOC-508	Sociology of Religion	3(3-0)
5	SOC-510	Sociology of Education	3(3-0)
6	SOC-391	Seminar-II Translation of Quran	1(1-0)

SEMESTER VII

S. No.	Code	Course Title	Credit
1	SOC-601	Diffusion of Innovation	3(3-0)
2	SOC-603	Conflict and Alternative Dispute Resolution	3(3-0)
3	SOC-605	Industrial Sociology	3(3-0)
4	MGT-411	Introduction to Project Management	3(3-0)
5	SOC-607	Political Sociology	3(3-0)
6	EDU-503	Perspective of Education in Pakistan	3(3-0)

SEMESTER VIII

S. No.	Code	Course Title	Credit
1	SOC-602	Sociology of Globalization	3(3-0)
2	SOC-604	Clinical Sociology	3(3-0)
3	ANTH-602	Scientific Writing	3(3-0)
4	SOC-612**	Project/Internship	3(0-6)
5	SOC-619	Special Problem	1(1-0)
		*Thesis	6(0-12)



SEMESTER WISE DISTRIBUTION OF COURSES-BS ANTHROPOLOGY

SEMESTER I

S. No.	Code	Course Title	Credit
1	ANTH-301	Concepts in Anthropology	3(3-0)
2	ANTH-303	Anthropology of Pakistan	3(3-0)
3	STAT-301	Basic of Statistics	2(2-0)
4	CS-301	Intoduction to Computing	3(3-0)
5	ENG-301	Functional English	3(3-0)
6	IS-301	Islamic Studies	2(2-0)
7	SOS-301	Moral Foundations of Education	2(2-0)
8	MATH-301	Mathematics-1	3(3-0)

SEMESTER II

S. No.	Code	Course Title	Credit
1	ANTH-302	Physical Anthropology	3(3-0)
2	ANTH-304	Micro Anthropology	3(3-0)
3	ANTH-306	Political Science	3(3-0)
4	SOC-308	Introduction to Sociology	3(3-0)
5	MATH-302	Mathematics-II	3(3-0)
6	ENG-302	Communication Skills	3(3-0)
7	SSH-302	Pakistan Studies	2(2-0)

SEMESTER III

S. No.	Code	Course Title	Credit
1	ANTH-401	Social Psychology	3(3-0)
2	ANTH-403	Macro Anthropology	3(3-0)
3	ANTH-405	Archaeology	3(3-0)
4	ANTH-407	International Relations	3(3-0)
5	ANTH-409	Qualitative Research in Social Anthropology	3(2-2)
6	MGT-411	Introduction to Management	3(3-0)

SEMESTER IV

S. No.	Code	Course Title	Credit
1	ANTH-402	Language & Identity	3(3-0)
2	ANTH-404	Agriculture Anthropology	3(3-0)
3	ECON-406	Rural Development & Social Morphology	3(3-0)
4	ANTH-408	Human & Cultural Geography	3(3-0)
5	ANTH-410	Political Anthropology	3(3-0)
6	STAT-402	Introduction to Statistics	3(3-0)



SEMESTER WISE DISTRIBUTION OF COURSES-BS ANTHROPOLOGY

SEMESTER V

S. No.	Code	Course Title	Credit
1	ANTH-501	Social History	3(3-0)
2	ANTH-503	Applied Anthropology	3(3-0)
3	ANTH-505	Anthropology & Development	3(3-0)
4	ANTH-507	Anthropology & Health	3(3-0)
5	ANTH-511	Theory in Anthropology	3(3-0)
6	EDU-503	Perspectives of Education in Pakistan	3(3-0)

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SEMESTER VI

S. No.	Code	Course Title	Credit
1	ANTH-502	Industrial Anthropology & Globalism	3(3-0)
2	ANTH-504	Qualitative Research Method	3(3-0)
3	ANTH-506	Economics Anthropology	3(3-0)
4	ANTH-508	Anthropology of Religion	3(3-0)
5	ANTH-510	Cultural and Human Ecology	3(3-0)
6	ANTH-520	Seminar-1	1(1-0)
7	MGT-514	Introduction to Project Management	3(3-0)

SEMESTER VII

S. No.	Code	Course Title	Credit
1	ANTH-601	Development & Tourism	3(3-0)
2	ANTH-603	Scientific Writing	3(1-4)
3	ANTH-605	Urban Anthropology & Architecture	3(3-0)
4	ANTH-607	Population & Demography	3(3-0)
5	ANTH-609	Anthropology & Philosophy	3(3-0)
6	ANTH-611	NGO & Social Development	3(3-0)
7	ANTH-619	Special Problem	1(1-0)

SEMESTER VIII

S. No.	Code	Course Title	Credit
1	ANTH-699	Thesis	6(0-12)

Department of General Sciences





SCHEME OF STUDIES FOR BACHELOR OF SCIENCE IN MATHEMATICS

<u>S. No.</u>	<u>Code</u>	<u>Pre-Requisite</u>	<u>Course Title</u>	<u>Credit Hours</u>
General Courses				
1	STAT-301		Introuction Statistics	3(3-0)
2	PHY-301		Mechanics	3(3-0)
3	PHY-302		Waves and Oscillations	3(3-0)
4	MGT-391		Bussiness Mathematics	3(3-0)
5	CS-323		Programming Fundamentals	4(3-2)
6	STAT-501		Statistics and Probability	3(3-0)
7	ECON-507		Mathematics for Economics	3(3-0)
Compulsory Courses				
1	ENG-301		Functional English	3(3-0)
2	ENG-302		Communication Skills	3(3-0)
3	SSH-302		Pakistan Studies	2(2-0)
4	SSH-305		Foerign Languages	3(3-0)
5	CS-300		Introduction to Communication Technologies & Computing Tools	4(3-2)
7	IS/ET-302		Islamic Studies / Ethics	2(2-0)
8	SOS-301		Moral Foundation of Education	2(2-0)
9	ENG-401		Technical Writing & Presentation Skills	3(3-0)
Elective Courses				
1	MATH-605		Integral Equation	3(3-0)
2	MATH-606		Fluid Mechanics	3(3-0)
3	MATH-607		Combinatorics	3(3-0)
4	MATH-608		Special Functions	3(3-0)
5	MATH-609		Modelling & Simulation	3(2-2)
6	MATH-610		Optimization	3(3-0)
7	MATH-611		Analytical Geometry	3(3-0)
8	MATH-612		Quantum Mechanics	3(3-0)
9	MATH-613		Special Relativity	3(3-0)
10	MATH-614		Galois Theory	3(3-0)
11	MATH-615		Measure Theory	3(3-0)
12	MATH-616		Advanced Complex Analysis	3(3-0)
13	MATH-617		Operation Research	3(3-0)



TENTATIVE SEMESTER WISE DISTRIBUTION OF COURSES-BS(MATHEMATICS)

SEMESTER I

S. No.	Code	Pre -Req.	Course Title	Credit
1	ENG-301		Functional English	3(3-0)
2	SSH-302		Pakistan Studies	2(2-0)
3	CS-300		Introduction to Communication Tech. & Computing Tools	4(2-2)
4	MATH-301		Calculus & Analytical Geometry-1	3(3-0)
5	MATH-302		Set Theory & Logic	3(3-0)
6	STAT-301		Basics of Statistics	3(3-0)

SEMESTER II

S. No.	Code	Pre -Req.	Course Title	Credit
1	ENG-302		Communication Skills	3(3-0)
2	IS/ET-301		Islamic Studies	2(2-0)
3	CS-301		Software Packages	4(3-2)
4	SOS-301		Moral Foundation of Education	2(2-0)
5	MATH-303		Calculus & Analytic Geometry -2	3(3-0)
6	STAT-302		Intro to probability and Prob. Distributions	3(3-0)

SEMESTER III

S. No.	Code	Pre -Req.	Course Title	Credit
1	ENG-401		Technical Writing and Presentation Skill	3(3-0)
2	PHY-401		Mechanics	3(3-0)
3	MATH-401		Vector Calculus and Complex Numbers	3(3-0)
4	MATH-402		Discrete Mathematics	3(3-0)
5	MATH-403		Algebra	3(3-0)
6	MGT-391		Business Mathematics	3(3-0)

SEMESTER IV

S. No.	Code	Pre -Req.	Course Title	Credit
1	SSH-305		Foreign Languages	3(3-0)
2	PHY-402		Waves and Oscillation	3(3-0)
3	MATH-404		Vector & Tensor Analysis	3(3-0)
4	MATH-405		Linear Algebra	3(3-0)
5	MATH-406		Introduction to Ordinary Differential Equation	3(3-0)
6	MATH-407		Number Theory	3(3-0)



TENTATIVE SEMESTER WISE DISTRIBUTION OF COURSES-BS (MATHEMATICS)

SEMESTER V

S. No.	Code	Pre-R eq.	Course Title	Credit
1	MATH-501		Real Analysis-1	3(3-0)
2	MATH-502		Group Theory	3(3-0)
3	MATH-503		Ordinary Differential Equations	3(3-0)
4	MATH-504		Analytical Mechanics	3(3-0)
5	CS-323		Programming Fundamentals	4(3-2)

SEMESTER VI

S. No.	Code	Pre-Req.	Course Title	Credit
1	MATH-505		Real Analysis-2	3(3-0)
2	MATH-506		Partial Differential Equations	3(3-0)
3	MATH-507		Numerical Analysis	3(3-0)
4	MATH-508		Complex Analysis	3(3-0)
5	MATH-509		Topology	3(3-0)
6	ECON-507		Mathematics for Economics	3(3-0)

SEMESTER VII

S. No.	Code	Pre-Req.	Course Title	Credit
1	MATH-601		Functional Analysis	3(3-0)
2	MATH-602		Mathematical Physics	3(3-0)
3	MATH-603		Differential Geometry	3(3-0)
4	MATH-604		Rings and Fields	3(3-0)
5			Elective-1	3(3-0)

SEMESTER VIII

S. No.	Code	Pre-Req.	Course Title	Credit
1			Elective-2	3(3-0)
2			Elective-3	3(3-0)
3			Elective-4	3(3-0)
4	MATH-618		Research Project	3(0-3)
5	MATH-620		Seminar	1(1-0)



SEMESTER WISE DISTRIBUTION OF COURSES-BS(STATISTICS)

SEMESTER I

S. No.	Code	Course Title	Credit
1	ENG-301	Functional English	3(3-0)
2	SSH-301	Pakistan Studies	2(2-0)
3	MATH-301	Mathematics-I(Algebra)	3(3-0)
4	ECON-301	Introduction to Economics	3(3-0)
5	PSY-301	Introduction to Psychology	3(3-0)
6	STAT-301	Introductory Statistics	3(3-0)

SEMESTER II

S. No.	Code	Course Title	Credit
1	ENG-302	Communication Skills	3(3-0)
2	IS-302/ET-302	Islamic Studies/Ethics	2(2-0)
3	MATH-302	Mathematics-II(Calculus)	3(3-0)
4	STAT-302	Introduction to Probability and Probability Distributions	3(3-0)
5	SOS-301	Moral Foundation of Education	3(3-0)
6	SOC-301	Basics of Sociology	3(3-0)

SEMESTER III

S. No.	Code	Course Title	Credit
1	ENG-402	Technical Writing and Presentation Skills	3(3-0)
2	CS-402	Introduction to Computer	3(1-2)
3	STAT-401	Basic Statistical Inference	3(3-0)
4	STAT-402	Applied Statistics	3(3-0)
5	ENV-301	Introduction to Environmental Sciences	3(3-0)
6	MATH-303	Mathematics-III(Geometry)	3(3-0)

SEMESTER IV

S. No.	Code	Course Title	Credit
1	STAT-403	Introduction to Regression & Analysis of Variance	3(3-0)
2	STAT-404	Exploratory Data Analysis and Visualization	3(2-1)
3	STAT-405	Non Parametric Methods	3(3-0)
4	SSH-305	Foreign Language	3(3-0)
5	MATH-401	Theory of Matrices and Numerical Analysis	3(3-0)



SEMESTER WISE DISTRIBUTION OF COURSES-BS(STATISTICS)

SEMESTER V

S. No.	Code	Course Title	Credit
1	STAT-501	Probability-I	3(3-0)
2	STAT-502	Sampling Techniques-I	3(3-0)
3	STAT-503	Design and Analysis of Experiment-I	3(3-0)
4	STAT-504	Statistical Packages	3(1-2)
5	ECON-505	Economic Problem of Pakistan	3(3-0)

SEMESTER VI

S. No.	Code	Course Title	Credit
1	STAT-505	Probability-II	3(3-0)
2	STAT-506	Sampling Techniques-II	3(3-0)
3	STAT-507	Design and Analysis of Experiments-II	3(3-0)
4	STAT-508	Regression Analysis	3(3-0)
5	STAT-509	Bayesian Statistics	3(3-0)
6	STAT-510	Research Methodology	3(1-2)

SEMESTER VII

S. No.	Code	Course Title	Credit
1	STAT-601	Statistical Inference-I	3(3-0)
2	STAT-603	Multivariate Analysis	4(4-0)
3	STAT-604	Econometrics	3(3-0)
4	STAT-606	Stochastic Process	3(3-0)
5	STAT-608	Time Series Analysis	3(3-0)

SEMESTER VIII

S. No.	Code	Course Title	Credit
1	STAT-602	Statistical Inference-II	3(3-0)
2	ELECTIVE-I		3(3-0)
3	ELECTIVE-II		3(3-0)
4	ELECTIVE-III		3(3-0)
	ELECTIVE-IV		3(3-0)
	STAT-620	Seminar	1(1-0)
	STAT-624	Research Project	3(0-3)

Department of Environmental Sciences





SEMESTER WISE DISTRIBUTION OF COURSES-BS(ENVIRONMENTAL SCIENCES)

SEMESTER I

S. No.	Code	Course Title	Credit
1	ENV-301	Introduction to Environmental Sciences	3(3-0)
2	SOS-301	Moral Foundation of Education	2(2-0)
3	SSH-301	Pakistan Studies	2(2-0)
4	BIOL-301	Biology-I	3(2-2)
5	ENG-301	Functional English	3(3-0)
6	CS-301	Introduction to Computing	3(2-2)

SEMESTER II

S. No.	Code	Course Title	Credit
1	FR-306	Forestry and Climate Change	3(3-0)
2	ENV-302	Environmental Chemistry	3(2-2)
3	ENG-302	Communication Skills	3(3-0)
4	SSH-303	Professional Ethics	3(3-0)
5	BIOL-302	Biology-II	3(2-2)
6	IS-302/ET-302	Islamic Studies/Ethics	2(2-0)

SEMESTER III

S. No.	Code	Course Title	Credit
1	ENV-401	Environmental Microbiology	3(2-2)
2	ENV-402	Biodiversity and Conservation	3(3-0)
3	ENV-403	Environmental Toxicology	3(3-0)
4	ENV-404	Environmental Law and Policy	3(3-0)
5	STAT-401	Introduction to Statistics	3(3-0)
6	ENV-405	Introduction to Agro-Environmental	3(3-0)

SEMESTER IV

S. No.	Code	Course Title	Credit
1	ENV-406	Environmental Management Systems	3(3-0)
2	ENV-407	Air and Noise Pollution	3(3-0)
3	ENV-408	Natural Resource Management	3(3-0)
4	ENV-409	Soil and Environment	3(3-0)
5	ENV-410	Occupational Safety, Health and Environment	3(3-0)
6	MATH-303	General Mathematics	3(3-0)



SEMESTER WISE DISTRIBUTION OF COURSES-BS(ENVIRONMENTAL SCIENCES)

SEMESTER V

S. No.	Code	Course Title	Credit
1	ENV-501	Environmental Impact and Risk Assessment	3(3-0)
2	ENV-502	Introduction to GIS and Remote Sensing	3(3-0)
3	ENV-503	Surface and Ground Water Hydrology	3(2-2)
4	MGT-515	Introduction to Human Resource Management	3(3-0)
5	HORT-506	Introduction to Landscape Gardening	3(2-2)
6	AEC-505	Agricultural Problems of Pakistan	3(3-0)

SEMESTER VI

S. No.	Code	Course Title	Credit
1	ENV-504	Climatology	3(3-0)
2	ENV-505	Environmental Economics	3(3-0)
3	ENV-506	Wastewater Treatment Process Design	3(3-0)
4	ENV-507	Public Health and Environment	3(3-0)
5	ENV-508	Environmental Monitoring	3(3-0)
6	HORT-509	Arid Horticulture	3(2-2)

SEMESTER VII

S. No.	Code	Course Title	Credit
1	ENV-601	Environmental Analytical Techniques	3(3-0)
2	ENV-602	Psycho- Chemical Processes for Wastewater Treatment	3(2-2)
3	ENV-603	Energy and Environment	3(3-0)
4	ENV-604	Toxic Organic and Trace Metals in Ecosystem	3(2-2)
5	ENV-605	Environmental Pollution	3(3-0)

SEMESTER VIII

S. No.	Code	Course Title	Credit
1	ENV-606	Environmental Profile of Pakistan	3(3-0)
2	ENV-607	Cleaner Production Technology	3(3-0)
3	ENV-608	Disaster Risk Management	3(3-0)
4	-	Final Year Research Project	3(3-0)



SEMESTER WISE DISTRIBUTION OF COURSES-BS(ENVIRONMENTAL SCIENCES)

Elective Courses

S. No.	Code	Course Title	Credit
1	ENV-305	Waste Reuse and Recycling	3(3-0)
2	ENV-410	Bioremediation	3(3-0)
3	ENV-509	Pollutant Movement in Soil	3(3-0)
4	ENV-608	Ecotourism	3(3-0)



BMS – BIMS MANAGEMENT SYSTEM



- BMS is an advance Campus Management System developed by BIMS IT Dept.
- It is a web-based application which is extremely user friendly and highly responsive.
- It addresses all aspects of all the departments of BIMS.
- It helps to manage things in a better and automated way by connecting Staff, Faculty, Students & Parents.

User Portal

- Separate portals for all the users.
- Admins manage the overall system related to their department.
- Faculty manages students enrolled with them including their attendances, results, leaves etc.
- Students and their parents can view the overall status.
- All the users can interact with each other.

Registration / Summer Enrollment

- Semester enrollments are done through students respective portals by the students themselves.
- Latest scheme of study is shown to the students according to their semester.
- Enrollment form is generated through BMS for error-free enrollment.

Online Attendance System

- Teachers mark live attendances through their portals.
- Students are populated in the list automatically according to their course enrollments.
- Attendance is visible to students on their portals.
- Attendance Lists for Examinations are also generated through BMS.



BMS – BIMS MANAGEMENT SYSTEM

Finance Module

- Fee is generated through BMS according to the student's semester enrollment.
- Students can directly Generate Challan through their portals.
- Previous pending payments, installments, scholarships, fines etc. are visible on students' portals.

Examination Module

- Marks of all the Quizzes, Assignments, Mid Exam, Practical and Final Exam are inserted in BMS by the faculty through their portals.
- Students can view their detailed marks of every course.
- Ceased and critical cases are identified through BMS for better counseling of the students.

Online Student Feedback

- Students provide feedback by filling the "Critique Forms" through their portals for each course they study.
- Feedback is graphically represented for better understanding.
- Higher management can see reporting of the students for making improvements.
- Faculty can see their evaluation results through their portals (if permitted and considered beneficial by higher management for overall organizational improvement) only after submission of the grades. However, the student identities remain confidential as the system (BMS) does not have provision of disclosing identities to anyone.

Student Complaint Portal

- Students can lodge their complaints/suggestions through their portals.
- The complaint is forwarded to the concerned department.
- Complaint gets resolved as soon as possible and without any extra burden on the student.
- Suggestions are also given through this module which are very carefully handled.

Societies Module

- The students get access to societies module for co-curricular activities.
- Latest events are announced and managed through BMS.
- Trips, bookings, ticketing is also done through BMS.
- Students can conveniently decide in which event they want to participate by looking at number of participants and dates etc.



BMS – BIMS MANAGEMENT SYSTEM

Online Leave System

- To make a paperless environment, Leaves are submitted online.
- Faculty/staff submit their leaves to HR dept. through their portals.
- Students submit their leaves according to their classes to the concerned faculty member.

Library Module

- All the books in the library are managed through BMS.
- Students, Faculty and Staff can see the availability of the books and can also generate an issue request.
- Users can find the relevant books related to their courses or interests.

HR Module

- All the employees are managed through HR Module.
- Attendances, leaves, overtime, biometric, CV's are managed online within the BMS.
- This module also helps to maintain the CV's of graduated/ alumni students to help them with job placements.

LMS Portal – CANVAS

- Canvas is a Learning Management System (LMS) portal used by BIMS and is integrated with BMS.
- Courses, Faculty, Students are also linked to this LMS Portal.
- Faculty manages their LMS portals for every course separately.
- All the course material gets uploaded on LMS portal including course break down, lectures, assignments, recorded lectures links etc.
- Submissions are done through LMS portals
- Faculty creates assignments, quizzes with a deadline submission for the students.
- Students upload their files/documents on the portal before the deadline.
- Students can access all documents/lectures of the course they are enrolled in.



EXAMINATION & EVALUATION

1. Evaluation:

The minimum passing marks for each course shall be 40% for all degree programs.

The marks / grades required to pass a deficiency course shall be the same as in the regulations relating to the Examination / Course concerned.

2. Grade points will be as follows:

Marks Obtained	Grade	Remarks
80-100%	A	Excellent
65-79%	B	Good
50-64%	C	Satisfactory
40-49%	D	Pass
Below	F	Fail

The grade points will be worked on the basis of percentage of marks obtained by a student in each course separately according to conversion table (Quality Points Table) and not on the percentage of total marks obtained by a student. One credit hour shall carry twenty marks.

3. Calculation of GPA/CGPA:

GPA/CGPA will be calculated at the end of each semester according to the following formula:

$$\text{GPA / CGPA} = \frac{\text{SUM OF QUALITY POINTS}}{\text{SUM OF THE CREDIT HOURS}}$$

The Quality Points Table given on the next page will be used for calculating the GPA/CGPA:



QUALITY POINTS TABLE FOR GPA/CGPA

5-Credits 100-Marks			4-Credits 80-Marks			3-Credits 60-Marks			2-Credits 40-Marks			1-Credit 20-Marks		
D	40	5.00	D	32	4.00	D	24	3.00	D	16	2.00	D	8	1.00
	41	5.50		33	4.40		25	3.60		17	2.60		9	1.50
	42	6.00		34	5.20		26	3.90		18	3.00	C	10	2.00
	43	6.50		35	5.60		27	4.50		19	3.60		11	2.30
	44	7.00		36	6.00		28	5.10	C	20	4.00		12	2.70
	45	7.50		37	6.40		29	5.40		21	4.40	B	13	3.00
	46	8.00		38	7.20	C	30	6.00		22	4.60		14	3.30
	47	8.50		39	7.60		31	6.30		23	5.00		15	3.70
	48	9.00	C	40	8.00		32	6.60		24	5.40	A	16	4.00
	49	9.50		41	8.40		33	6.90		25	5.60			
C	50	10.00		42	8.80		34	7.20	B	26	6.00			
	51	10.50		43	8.80		35	7.50		27	6.40			
	52	10.50		44	9.20		36	8.10		28	6.60			
	53	11.00		45	9.60		37	8.40		29	7.00			
	54	11.50		46	10.00		38	8.70		30	7.40			
	55	11.50		47	10.40	B	39	9.00		31	7.60			
	56	12.00		48	10.80		40	9.30	A	32	8.00			
	57	12.50		49	10.80		41	9.60						
	58	12.50		50	11.20		42	9.90						
	59	13.00		51	11.60		43	10.20						
	60	13.50	B	52	12.00		44	10.50						
	61	13.50		53	12.00		45	11.10						
	62	14.00		54	12.40		46	11.40						
	63	14.50		55	12.80		47	11.70						
	64	14.50		56	13.20	A	48	12.00						
B	65	15.00		57	13.60									
	66	15.50		58	14.00									
	67	15.50		59	14.40									
	68	16.00		60	14.80									
	69	16.50		61	14.80									
	70	16.50		62	15.20									
	71	17.00		63	15.60									
	72	17.50	A	64	16.00									
	73	17.50												
	74	18.00												
	75	18.50												
	76	18.50												
	77	19.00												
	78	19.50												
	79	19.50												
A	80	20.00												



FEE STRUCTURE

Programs	Admission Fee	Semester Charges	1st Semester Payable	Subsequent Semester Payable
BBA (Hons)	15,000/-	49,800/-	64,800/-	49,800/-
BS (CS/SE)	15,000/-	65,800/-	80,800/-	65,800/-
BS (Maths/Stats/Comm)	15,000/-	39,800/-	54,800/-	39,800/-
BS (Soci/Eco/Anthr)	15,000/-	39,800/-	54,800/-	39,800/-
BS (Environmental Sciences)	15,000/-	39,800/-	54,800 /-	39,800/-

*Subject to change without notice in upcoming semesters

Details of Improvement Courses in Regular Semester

Summer Semester "F" and "D" Grade only	Regular Semester "F" grade or Drop course
8,500/-	7,000/-

Fee Refund

Semester tuition fee is refundable based on Campus policy given in the catalogue, as given below:

1. Admission Fee is not refundable.
2. Full refund of tuition fee if hand written refund application received within 7 days.
3. 50% tuition fee refund if hand written refund application received between 8 to 15 days of start of classes.
4. No refund will be admissible after two weeks of start of classes.

FINANCIAL SUPPORT PROGRAMS

Financial Support Programs at BIMS comprise the following.

Merit-Based Scholarships

It is offered once a year in Fall semester. In general, the student preferably is the topper of his discipline to compete for the Merit Scholarship. The complete policy is available with the Finance Department.

Need-Based Scholarships

These are offered to the students who are financially weak and cannot afford their studies. The desirous students can apply for this scholarship in each semester before the deadline given for this purpose. After the deadline, scholarship committee finalizes scholarships within two weeks.



Notes:

1. Students need not to apply for merit scholarship as he/she will be automatically finalized based on GPA in his/her last two semesters by the Finance Department.
2. The student applying for need based scholarship must complete the application well in time before the deadline.
3. Scholarships will not be adjusted in semester dues but will be awarded separately.
4. A student shall not be considered for both merit and need based scholarships at the same time.



BIMS LIBRARY

This is a multi-disciplinary library serving the faculty, students, researchers and staff of BIMS, especially in terms of the breadth and depth of coverage. The library has a rich and diverse collection of materials including books, e-books, journals, audios, videos, CD-ROMs, DVDs, etc. The collection is ideally suited to encourage and support both scholarly pursuits and practical research activities using state-of-the-art technology.



Library services include:

- Book collection and lending services
- Subscribed Journals
- Reference & Information Services
- Access to online HEC Digital Library
- Daily newspapers and magazines
- British Library Document Supply Service (BLDSS)



DEPARTMENT OF STUDENT AFFAIRS

Department of Student Affairs provides the community with programs and services, in support of the academic mission, that assist and empower students to achieve their highest educational potential. Student Affairs works closely with faculty, staff, students, and the community to create a stimulating and inclusive educational environment that is conducive to the holistic growth and development of students. Student Affairs promotes excellence through collaborative services, striving to be responsive, caring and personal.



TO PROMOTE AND SUPPORT STUDENT DEVELOPMENT

- Protect and enrich the well-being of students, including intellectual, emotional, and physical health
- Develop, promote, and sustain an conducive campus environment that contributes to the advancement of learning and academic exploration
- Offer experiential opportunities for an active student life that complement the academic environment
- Create opportunities and a respectful environment for student dialogue and personal, professional and social growth
- Provide programs and services that are designed for individual and groups that promote student persistence and retention





HOSTEL FACILITY

HOSTEL

The institute has separate hostels for boys and girls (on panel) each with all requisite facilities for boarding and lodging. The hostels have their own mess to provide fresh and hygienic food to the students. All these services are provided at reasonable cost. The food in the hostels is inspected on regular basis and menu is prepared according to the need of a healthy body.



FIRST AID FACILITIES



Adequate First Aid facilities are available for the students. First Aid Procedures are religiously followed and emergency evacuation drills are regularly carried out in each semester.



BIMS Student Societies



Environment Health & Safety Society (EHS)

EHS is a platform where different opportunities are offered for the communities i-e Blood Donation Camp, First Aid training & awareness sessions, emergency evacuation drills etc. It also offers future oriented opportunities which can enhance the professional approach of the individuals for their career growth.

BIMS Adventure Club

BIMS Adventure Club is a society that provides students with various opportunities for outdoor adventures. The events organized by the club are mainly hiking, rock climbing, boating, study tours etc. Hiking trips on various tracks regular activity of the club. The Society frequently arranges trips to Murree, Khewra Salt Mine, Nathia Gali, Patriata, Banjosa Lake etc.



Science & Technology Society (STS)

STS provides a platform to enhance the students' skills & technical knowledge & endeavors to boost their skillful approach. The society participated in certain national level competitions and organized certain speed programming competitions, speak-up competitions, workshops and project displays.

BIMS Sport Society

BIMS Sports Society organizes various student and faculty (both male and female) sports activities, including Cricket, Table Tennis, Badminton, Chess, and Tug-of-War etc. The society also facilitates students to take part in the various sports competitions held at the university and inter university levels.



Recreational Society

Recreational Society helps to polish all aspects of student's intellectual development. It Enhances creativity, elegance and their hidden talents in different field. This society holds debates, declamation contests, photography contest, sketching competition, business idea competitions, project management, seminars/sessions with guest speakers, presentation skills and Naat/Qirat competition etc.

CO-CURRICULAR ACTIVITIES

Open House/Job Fair

BIMS has arranged an open house for their students to enhance their vision, knowledge, creativity and their development skills.



Express Education Expo

BIMS participated in Express Education & Career Expo held on May at Pak-China Center, Islamabad. Students participated in 7 competitions: Singing, Battle of Bands, Drama, Fashion Show, Speech, Painting & Sketching and Photography. Out of these BIMS won three competitions i.e. Painting & Sketching, Singing & Battle of Bands.



Cultural Day

The Cultural day is arranged by Management Sciences Department in which students wear different costumes to represent different cultures.



Blood Donation Camp

"Combating Thalassemia, A National Cause" In Collaboration with Jamila Sultana Foundation, a Blood Donation camp was arranged at BIMS. More than 100 students donated their blood to save lives of Thalassemia Children.



Motivational & Career Counseling Session:

Motivational lectures are regularly arranged at BIMS. BIMS would like to extend special thanks by well reputed speakers to Mr. Zaydan Khan for an awesome motivational session. The efforts of Mr. Muhammad Khalid Saeed and Ms. Noureen Fatima and their team are highly appreciated in this regard.





Eventesia

Eventesia is a 3 days event held in the month of May every year. The event is pleasant mixture of entertainment & learning. A large body of students of different departments participate in various technical & non-technical activities which stimulate innovative thinking.



BIMS Premier League

First Premier League, held in March 2016, was organized by BIMS. Eighteen (18) cricket teams comprising faculty and students participated in the event. The matches were held in AWF Complex, Morgah, Rawalpindi. The BSCS team showed excellent performance and won the tournament.



BIMS Premier League (Season II)

The 2nd Premier League was held in May 2017 and was organized by BIMS. About 20 teams participated in this event and the matches were held in F-9 Cricket Stadium, Islamabad. BSCS team again showed excellent performance and won the tournament.



Education & Recreational Trips

Each semester BIMS organizes trips for students to different Educational and Recreational places, so that students can enjoy, relax and yet learn by taking some time out from their busy academic schedule.



Akhara

The event of Akhara is a combination of games & sports activities. It has more than 20 modules of different games including both indoor & outdoor, Quiz competitions, Speak-Up Challenge & cricket tournament.



Naat & Qirat

More than 30 students, both male and female, participated in this event. The prizes were distributed by the Chief Guest among top three performers.

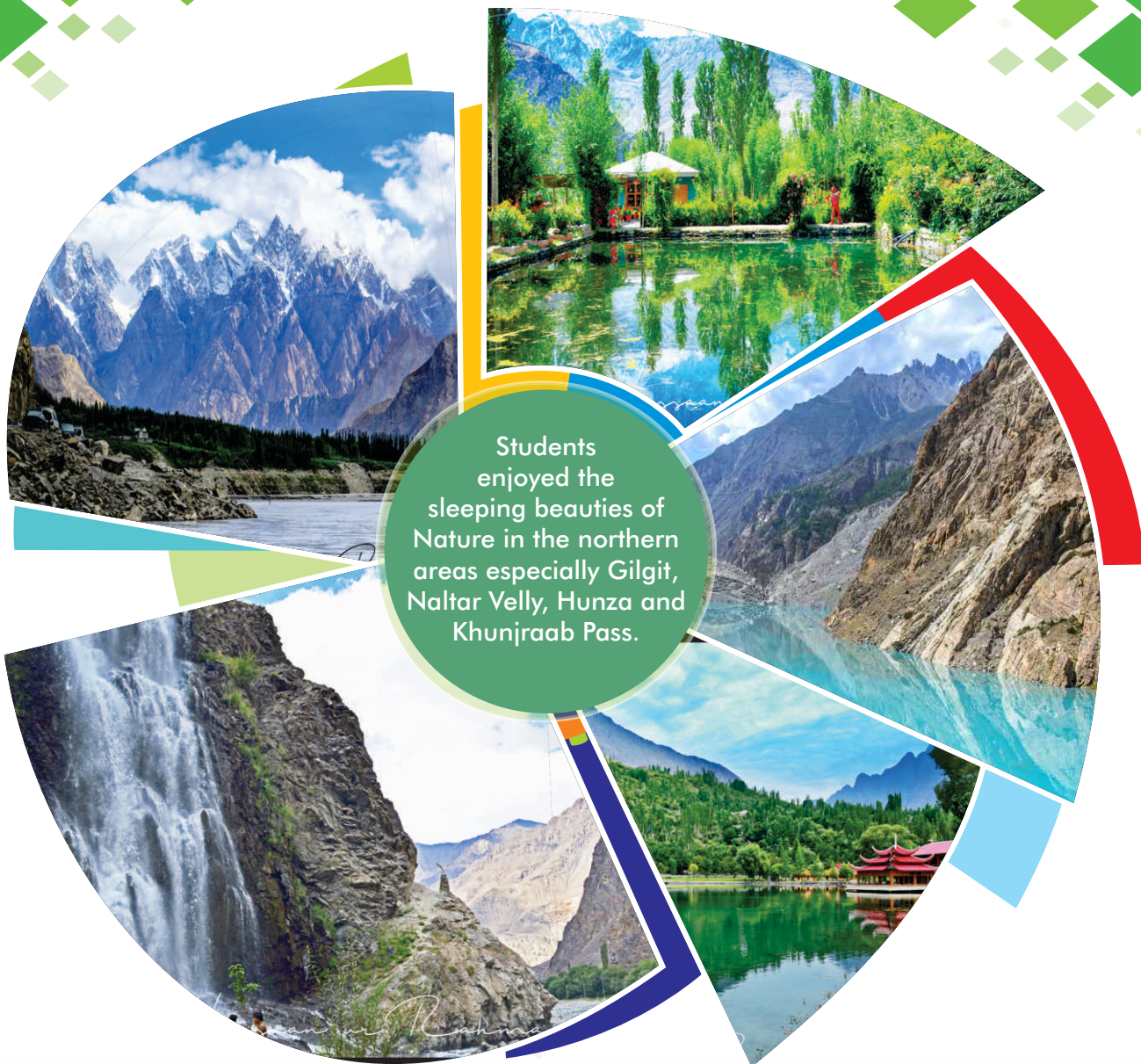




STUDENTS ANNUAL PARTY

BIMS students regularly arrange get together every year for the incoming students, as it delightfully inspires them to be more hopeful, more joyful, more thoughtful and more lively.





Sports at BIMS



The importance of sports for students plays a pivotal role in their overall grooming. With this perspective in view, the university provides many opportunities and facilities to its students to participate in International, National and University level sports.





TEACHERS REVIEWS

MS. ANUM RASHID Management Sciences

We aspire to be at the apex of Management Education and Research in the Region. The Department of Management Sciences envisions, being a regional hub for management education and research by training students in all fundamental and Analytical Areas integrated with Globally Diverse environment.



MR. NOUMAN AL HASSAN Computer Sciences

I have the privilege of teaching in BIMS which aspires to be among the leading institutions of advanced learning which contributes towards growth of the nation through excellence in education. The university provides excellent quality education which fulfills demand of modern economy and trains students in enhancing their personal growth, communication skills, and moral values.

MS. QURAT UL AIN AMJAD Management Sciences

BIMS is playing an authoritative role in imparting quality education, and nurturing the potentials of the individuals. The institute provides conducive environment to the students in which they are able to thrive for and feel supported.



MR. HAROON-UR-RASHEED English

BIMS is a place where u can enhance your skills to survive in this society. It provides you not only education but also confidence to achieve your goals.

MR. ASIM HAFEEZ Mathematics

I am delighted that you are thinking of coming to do your degree at this institute in department of Mathematics and becoming a part of a dynamic group of people with leading edge ideas and ready to work in a highly rigorous, practical and dynamic environment.



MR. ASADULLAH MUSHTAQ Computer Sciences

My experience at BIMS, so far has been amazing. I have learned and experienced so many things within the time I have spent here. The environment for students as well as for all staff members is appraising and very cooperative.



TEACHERS REVIEWS



MR. MUHAMMAD HASSAN Computer Sciences

It's my 3rd year of teaching in BIMS. I've had a wonderful career primarily because I have great deal of autonomy and a flexible schedule. BIMS provide me to reflect upon and do research on teaching and teaching methods. Last, my institution have been wonderfully supportive and open to innovation.

MR. SAEED NAWAZ Computer Sciences

The Department of COMP Sc has recorded consistent improvement in its academic, research and placement performance at BIMS. It offers a range of innovatively designed programs whose curricula are constantly updated to meet the changing requirement of the industry and also to meet the needs of major stakeholders. We believe that our students have been well accepted in their job profiles and have consistently exceeded expectations of the corporate world.



MS. SAIRA SULTANA Computer Sciences

BIMS faculty is the engine that drives the University who are concentrating their efforts to create new knowledge with the greatest impact on society. BIMS is a unique destination for lifelong learning in Pakistan. Pedagogical innovation at BIMS is disrupting traditional teaching where students come first, where policy is translated into practice, where students are true partners for 21st century learning.

MS. MUFZALLA RAHIM Statistics

My overall experience at BIMS is all about Learning, Grooming and Looking at student's enhancement in knowledge. I have been a part of BIMS since 2018; it is enriched with remarkable and competent faculty. I have seen the dedication of the institute towards the grooming of students. I personally recommend BIMS as a better place for advance learning.. Wising you all best of luck



MR. AMAN AZIZ Management Sciences

BIMS is a learning based institute which provides a great platform for students to compete with challenging world. Studying at BIMS provides new experiences to the students and provides them the necessary tools to face professional life. BIMS is a perfect place for today's competitive and challenging world.

MS. SANIA ARIF Management Sciences

My teaching experience in BIMS thus far have been amazing. I have learnt and prompt experienced so many new things in such a short spam of time, and it has happened by so fast. I am still discovering all the opportunities that BIMS offers me. BIMS is devoted to excellence in teaching, learning and research and to develop the leaders in many disciplines who make a difference globally. BIMS faculty are engaged with research and teaching to drive the boundaries of human knowledge.





STUDENT'S REVIEWS

SALMAN MUNIR

BSCS 8th Semester

I love BIMS and couldn't imagine going anywhere else. I have made friends for life and got involved in things I never knew before, i love my degree course and know exactly what I want to do in the future. There are a variety of career events all year round and helping material readily available at career services for CV checks, finding placements and job ideas.



ANUM RASHID

BSCS 6th Semester

I was confused and perplexed individual. Once I entered the out the best in me. potential and I was helped to bring believe in my abilities and academic atmosphere, I learned to the faculty and conducive portals of this institution. Thanks



ZEESHAN HAIDER

BSCS 7th Semester

I am extremely satisfied in BIMS as both faculty and honored to be part of BIMS. thankful, fortunate and issues as well. I feel academics but all related helpful, not only in staff has been always very



LAIBA SHABEER

BSCS 6th Semester

BIMS has started to enhance the coverage of quality higher education in the country by providing opportunities to those who could not attend universities because of inflexible timings, cost or cultural barriers. I am honoured to be a part of this institute and would recommend you to join this.



IRSHAD

BBA 7th Semester

It has been a challenge for me to choose right program and the right once; However, BIMS has made it Complex and Fascinating all at degree is Demanding, Stimulating, satisfied about my decision. This undergraduate studies, now I am institute for completing my look simpler and more rewarding. So if you're looking to become more intelligent, effective and efficient version of yourself, then join BIMS.



SUNDAS ABID

BBA 5th Semester

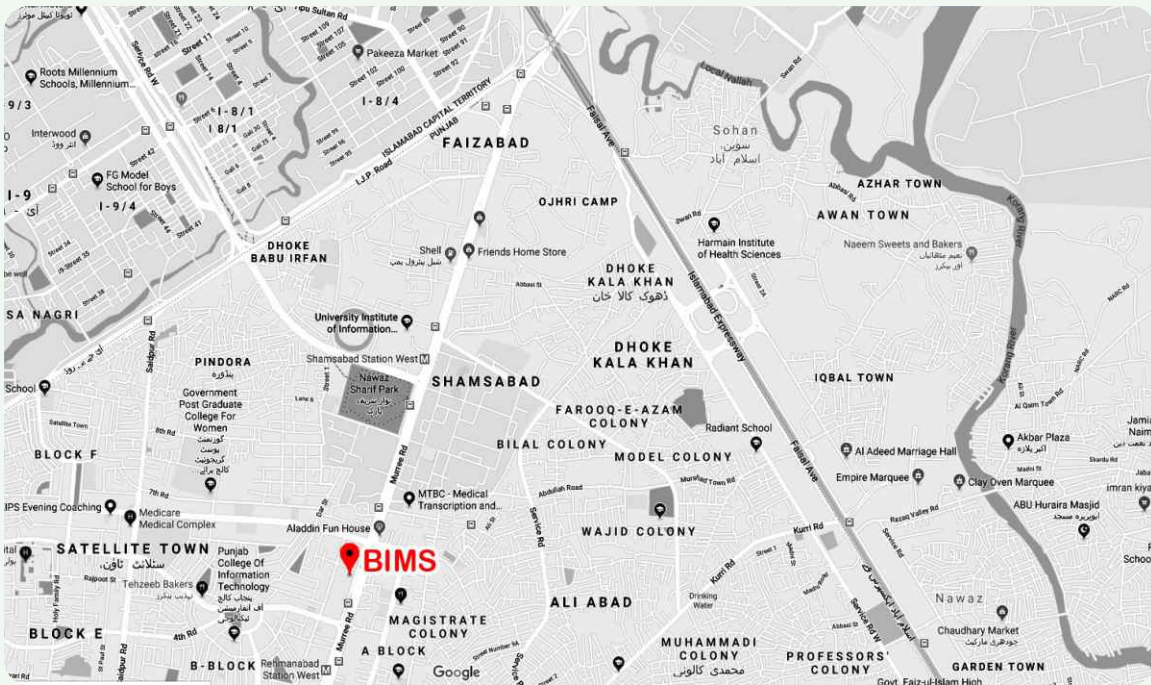
If you want a quality education system with a friendly positive environment to live in! provides a safe and friendly is great and the campus course is brilliant, the social life students are all friendly, the place for you. The staff and atmosphere, BIMS is the exact



LOCATION

The Institute is located in the centre of the twin cosmopolitan cities of Rawalpindi and Islamabad - The Institute is situated on Murree Road, Near 5th & 6th Road, Rawalpindi where all types of transport including Metro Bus Service is available, making the Institute approachable, at all hours round the clock. The conducive environment and the busy nature of the area allow the Institute to continue its curricular and co-curricular activities even till late hours in the evening.

LOCATION MAP



DISCLAIMER

The information in this prospectus is correct at the time of going to print. It provides general guidance to students and does not form part of any contract. BIMS endeavors to provide the courses and facilities mentioned in it but reserves the right to make alterations in its programs, policies and fee tariff at any time, if necessary.



BIMS Barani Institute of Management Sciences

Affiliated with:

Pir Mehr Ali Shah Arid Agriculture University Rawalpindi

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🐦 /BimsEdu

📘 /bimsOfficial/

