



**Sarhad
University**
of Science & Information Technology
Peshawar



**Distance Learning
Prospectus
2026-27**

Step Into Bright Future

Vision

To achieve excellence in teaching and research in all academic fields.

Mission

To provide academic facilities of International standards to the youth and to produce graduates and researchers at the National and International Levels.

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Faisal Karim Kundi

Governor, Khyber Pakhtunkhwa

Higher Education; a demanding but a highly rewarding field of education system, plays a pivotal role in fulfilling the quest for bringing pleasant change in the socio-economic fabric of the society and ensures better future both for the country and the people. In the given circumstances, achieving this cherished goal indeed demands constant efforts, sustained determination and resources on the part of individuals, institutions and the society alike. In line with the desired targets one can witness an encouraging environment, enthusiastic approach, high spirit and a confident struggle at every level in the province.

It is indeed a pleasure to note that the Sarhad University of Science & Information Technology, Peshawar is engaged as an active partner along with its sister institutions, working both in the public and private sectors in the ongoing struggle to achieve the target set forth for the cause of education. The initiative to introduce demand driven, result oriented and contemporary disciplines, besides continuing research and educational activities in the existing institutions and infrastructure development for further expansion of the campus provides a heartening and convincing reason to judge the pace, with which it is progressing, is impressive.

While writing these lines for the Prospectus of Sarhad University, I also take the advantage to congratulate the management, faculty and students especially the new entrants for successfully stepping into their new pursuits and wish more success to all of them.



Muhammad Riaz Karim

President, Sarhad University

It is a matter of immense pleasure for me to record my message for prospectus 2026-27.

It is a unique imagination and a marvelous experience that a journey I started in the year 2001, is now unfolding its colors in many ways. The launching of Sarhad University with a humble start of programs in Computer Science, IT and Management Sciences from ab-initio was a gigantic task which I could not have accomplished alone. It was my team which worked with unmatched hard work and dedication as the resources were meager and the resolve to reach the students was unflinching. I am proud to claim that Sarhad University is the only private sector University of Khyber Pakhtunkhwa which is successfully running its Distance Learning Program for the last 24 years. Currently more than 100 institutes are facilitating the distant students as SUIT's Student Support Centres throughout Pakistan and AJK with the permission of HEC and relevant provincial/regional government offices. The distinctive feature of this mode of education is to enable the students to learn and earn at the same time.

It had been my life-long desire to reach and serve people from an area that desperately needed my services and contributions in the higher education sector. The Khyber Pakhtunkhwa province suited my objective more than any other neglected areas of Pakistan due to its close proximity to my base-station and the energetic segment of students of the province, who otherwise have all the potential to be in the driving seat. I chose education as my preferred objective and the young generation as my prime target as no society in the civilized world could ever progress without educating upcoming generations.

Dear students, Sarhad University with state-of-the-art buildings housing spacious classrooms, scientific and research laboratories, a huge library with latest books, Seminar Hall, dedicated parking space along with sports facilities is now fully functional to offer academic programs in various disciplines. In the wake of latest developments we have put in place a robust security system backed by CCTV cameras with recording facilities through DVR system, walk through gates and metal detectors to maintain a secured environment at the premises. The testimony to our success can be judged from the outflow of our graduates who are currently serving in almost all the public departments at the provincial and national level. Besides those, many are pursuing their higher studies at various International Universities.

As we enter the Academic Session 2026-27, I am delighted to share that Sarhad University is celebrating its Silver Jubilee, marking twenty-five years of dedicated service to higher education, research, and community development. What began in 2001 as a modest initiative with a few academic programs has today grown into a vibrant and respected institution producing graduates who are contributing effectively at national and international levels. This significant milestone reflects the collective efforts of our faculty, staff, students, alumni, and well-wishers whose trust and commitment have been instrumental in our success. To commemorate this historic achievement, the Prospectus 2026-27 has been published as a special "Silver Jubilee Edition", symbolizing a quarter-century of excellence and reaffirming our resolve to continue striving for academic distinction, innovation, and societal progress in the years ahead.

I would also like to assure the prospective distant students who opt to join SUIT's Distance Learning Program, they will have the opportunity to acquire knowledge and skills just like those studying on campus and will emerge as responsible citizens contributing positively to society as proud graduates of Sarhad University.



Azmat Ali

Vice President, Sarhad University

I am happy to convey my message about Sarhad University which was established in the year 2001 with the sole objective of providing quality education at higher level according to the expectations of our youth not only at the Main / Sub- Campus but also through Distance Learning at our Student Support Centres throughout Pakistan and AJK.

I would like to inform you that today, our university is placed in the highest category of HEC. We have worked round the clock over the last 25 years to achieve this level of excellence and proved ourselves in accordance with the expectations of all stakeholders. The University as of today is home to thousands of students in contemporary disciplines including Pharmacy, Nursing, Allied Health Sciences, Computer Sciences, Software Engineering, Management Sciences, Engineering, Art & Design, Humanities and Social Sciences. These programs are being supervised by more than 100 PhD, around 150 M.Phil MS and MSc degree holders, having vast teaching and administrative experience. Our teaching departments are associated with the modern labs equipped with latest and up to date equipment required for the practical work of the students to gain hands-on experience. The Department of Pharmacy, Nursing and Allied Health Sciences are also linked with the major hospitals of Peshawar City for clinical rotation of the students to deal directly with the patients of their particular specialties.

This year marks a historic milestone in the journey of Sarhad University as we proudly celebrate the completion of twenty-five years of academic excellence, innovation, and service to society. The Academic Session 2026–27 coincides with the University's Silver Jubilee, commemorating a remarkable journey that began in 2001 and has since evolved into a distinguished institution of higher learning. In recognition of this landmark achievement, the Prospectus 2026–27 has been published as a special "Silver Jubilee Edition", reflecting the University's accomplishments, growth, and contributions over the past quarter century. This special edition stands as a symbol of our collective achievements and reaffirms our commitment to provide quality education, fostering research and innovation, and preparing future generations to meet the challenges of an ever-changing world.

I am confident that your decision to select Sarhad University's Distance Learning Program for your higher education will prove to be a wise one and will enable you to pursue your educational and professional journey successfully.



Prof. Dr. Salim Ur Rehman

Vice Chancellor, Sarhad University

It is a privilege for me to be associated with such a progressive and rapidly developing university. During the last 25 years, Sarhad University has made landmark achievements in many areas. The faculty size has increased manifold due to the induction of a number of PhD and M.Phil Degree holders in the field of Engineering, Pharmacy, Nursing, Management Sciences, Computer Science, Arts, Education and certain health-related disciplines. Our focus on quality education has enabled the students to acquire relevant knowledge and to become true professionals. Academic activities like conferences, workshops, and seminars have not only created an environment conducive for research, but have also added to the experience of our faculty and students. Our graduates, equipped with the right blend of knowledge and skills are prepared to carve their niche in the corporate world and to play their due role in the socio-economic development of the country. I attribute our success in all these areas to the faculty, management and students whose devotion, hard work, sincerity, and determination have earned us high reputation and due recognition.

Selecting a particular degree program for stepping into professional life is one of the most crucial decisions. Equally difficult is the choice of an institution of higher learning to pursue the selected degree program. For those who have reached this decision making stage, Sarhad University offers various fields at its Main Campus in Peshawar, sub campus and the opportunity to learn online through distance education. Distance learning opens the doors of opportunity for thousands of students who cannot access quality higher education because there is no higher education institution in their town or district. Through SUIT's Distance Learning Program, students from far-flung areas can earn recognized degrees, build their careers, and contribute to society without leaving their homes or jobs.

The Academic Session 2026–27 holds special significance for Sarhad University as we proudly celebrate the completion of twenty-five years of excellence in higher education. Our Silver Jubilee marks a remarkable journey of growth, innovation, and academic achievement that has transformed the University into a leading institution of learning and research. Over the past quarter century, Sarhad University has continuously expanded its academic offerings, strengthened its faculty, enhanced its research culture, and developed modern infrastructure to meet national and international standards. This special "Silver Jubilee Edition" of the Prospectus not only commemorates our achievements and contributions to society but also reflects our unwavering commitment to preparing future generations of professionals, researchers, and leaders who will contribute meaningfully to the development of Pakistan and the global community.

May Allah Almighty bless our youth and guide them in making right decisions, and enable the university management to give its best to the students.



Prof. Dr. M. Qasim Jan (HI, TI, SI)

Founding Vice Chancellor, Sarhad University

It fills my heart with immense joy and pride to witness Sarhad University of Science & Information Technology, Peshawar, celebrating its Silver Jubilee in September-2026. Twenty-five years ago, in 2001, when we embarked upon this journey with a modest beginning, we carried a simple yet powerful dream: to establish an institution that would blend scientific inquiry with technological innovation, rooted in the values of our culture and the demands of a changing world.

Standing today at this milestone, I see that our dream not only realized but surpassed. What began as a small flame of vision has, grown into a beacon of learning-illuminating the lives of thousands of students, contributing to research, and serving society with dedication.

I recall the early days with deep emotion - the challenges we faced, the trust placed in us by the Provincial Government, faculty, students, and the community, and the unwavering belief that quality education is the most powerful tool for transformation of the society. It is immensely satisfying to see how this institution has matured into a center of excellence, producing professionals, thinkers, and leaders who are making their mark across the country.

This Silver Jubilee is not merely a celebration of the years passed. It is a tribute to every teacher who taught with passion, every student who learned with curiosity, every staff member who served with sincerity, and every parent and supporter who believed in us.

As the founding Vice Chancellor, I extend my warmest felicitations to the entire Sarhad University family-past and present. May this university continue to rise, innovate, and serve as a lighthouse of knowledge for generations to come. May the next twenty-five years bring even greater accomplishments, guided by integrity, excellence, and a spirit of service.

Congratulations on this historic moment. Let us move forward with renewed vigor and commitment to the pursuit of truth and wisdom.

With warm regards and prayers,



Prof. Dr. Lutfullah Kakakhel

Former Vice Chancellor, Sarhad University

It is a matter of great pride and happiness for me to see Sarhad University of Science & Information Technology, Peshawar, celebrating its Silver Jubilee in September 2026. Twenty-five years of dedication is no small milestone—it is a testament to the resilience, vision, and collective effort of all those who have been part of this wonderful institution.

I had the privilege of serving as the second Vice Chancellor of the University from 2003 to 2004. Though my tenure was relatively short, those months were filled with purpose and passion. Guided by the conviction that a modern university must constantly adapt and grow, we introduced several academic reforms aimed at enhancing quality, relevance, and student opportunity.

During this period, we launched a number of new programs that I continue to look back upon with great satisfaction: Doctor of Pharmacy (Pharm-D), Bachelor in Sports Sciences, Biotechnology, and the Doctoral Program in Education were among those we introduced. These disciplines were forward-looking at the time and have since become core pillars of the university's strength in health and life sciences. Seeing how these programs have flourished and produced skilled graduates serving in various sectors fills me with immense joy.

I also recall the spirit of teamwork among the faculty, staff, and management—each one committed to building an institution that would stand tall in the region. Reforms in academic planning, laboratory development, and curriculum enrichment were all steps toward making Sarhad University a center of excellence.

Today, as you bring out this special prospectus on the Silver Jubilee, I extend my warmest felicitations to the entire Sarhad University family. To the current leadership, faculty, staff, and especially the students: you are the custodians of this legacy. Keep innovating, keep striving, and always remain true to the mission of knowledge, ethics, and service.

May Sarhad University continue to shine for another twenty-five years and beyond.

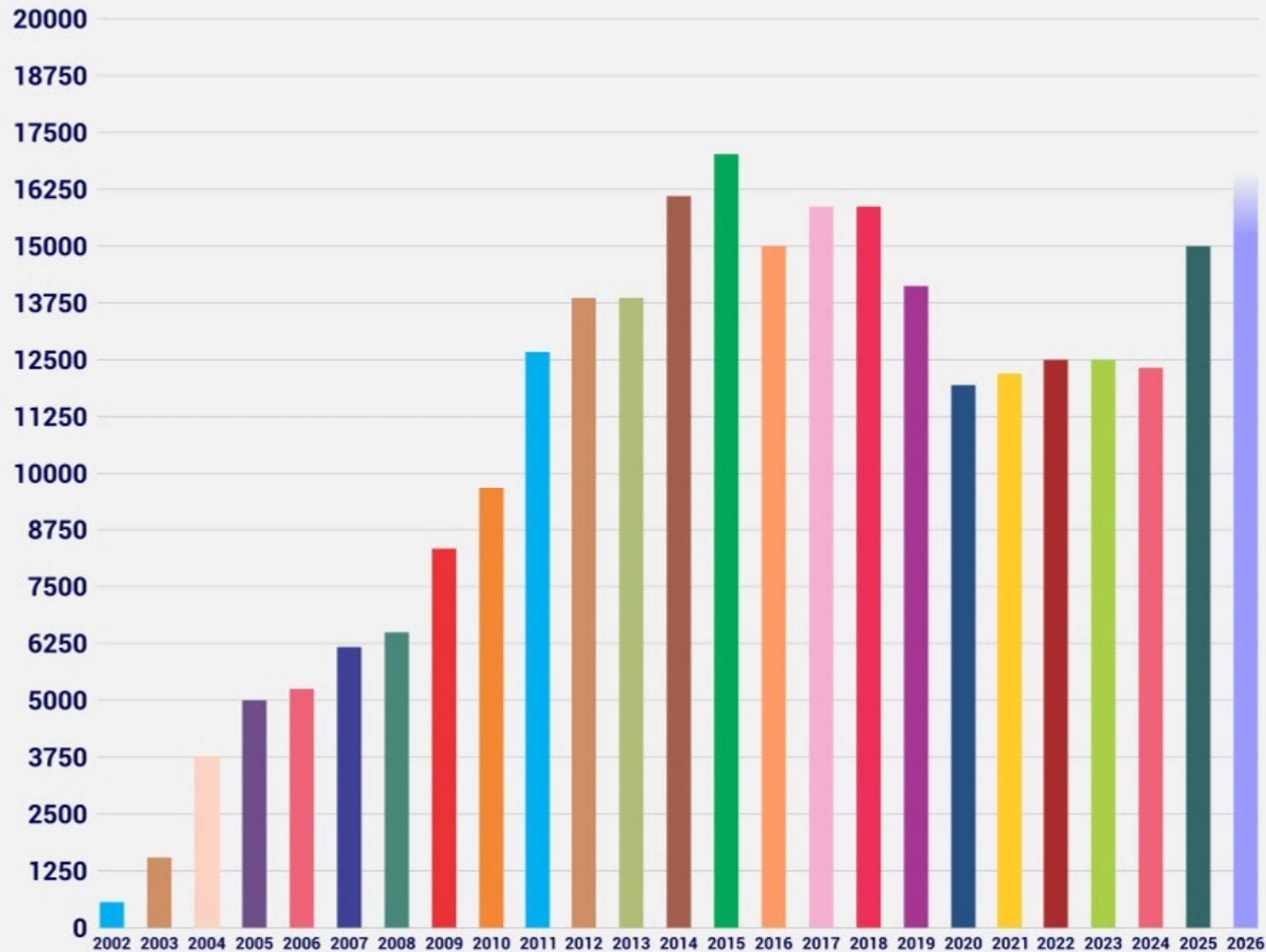
With heartfelt prayers and best wishes.

Board of Governors

The Board of Governors of Sarhad University is the highest executive authority of the University. It comprises personalities of high standing in academic and professions both from the public and private sectors of higher education. The board has all the powers necessary to formulate Statutes, Regulations and Policies aimed at ensuring high academic standards in respect of all academic programs run by the University at Bachelor, Master and Doctoral levels. The Board also enjoys powers to frame laws and policies aimed at recruiting persons of eminence in academics for senior slots in the academic hierarchy who are able to give their best to the students, who will serve the country and the community appropriately for socio-economic development. The basic criteria for selection of teachers and administrators laid down in the University Charter are competence, integrity and efficiency, which is adhered to in letter and spirit.

Prof. Dr. Salim-ur-Rehman, Vice-Chancellor (Chairman).	Mr. Azmat Ali, Vice President, Sarhad University, Peshawar / Member, Board of Trustees.	Chairman HEC, or his Nominee.
Dr. Akhtar Ali Shah, Former Secretary Home and Tribal Affairs Dept., Govt. of Khyber Pakhtunkhwa.	Prof. Dr. Zia Ul Qayyum, Former Vice Chancellor, A.I.O.U Islamabad.	Mr. Muhammad Ayub Khan, Hon'ble (Retd) Judge, Peshawar High Court, Peshawar
Secretary, Higher Education Department, Govt. of Khyber Pakhtunkhwa	Prof. Dr. Sahar Noor, Dean Faculty of Mechanical, Chemical and Industrial Engg., UET Peshawar	Mr. Liaqat Ahmed Khan, Former President, Sarhad Chamber of Commerce & Industry, Peshawar.
Prof. Dr. Safia Ahmad (T.I), Vice Chancellor, Shaheed Benazir Bhutto Women University, Peshawar.	Mr. Muhammad Taimoor Riaz, Member, Board of Trustees, Al-Beruni Trust for Educational Development, Islamabad.	Mr. Immad Azmat, Member, Board of Trustees, Al-Beruni Trust for Educational Development, Islamabad.
Prof. Dr. Abdul Waheed Mughal, Dean Faculty of Arts, Social Sciences & Education, Sarhad University, Peshawar	Dr. Aamir Aziz Director QEC, Sarhad University, Peshawar.	Dr. Shabir Ahmad, Director ORIC, Sarhad University, Peshawar.
	Mr. Muhammad Nasir, Registrar, Sarhad University, Peshawar. (Member/Secretary)	

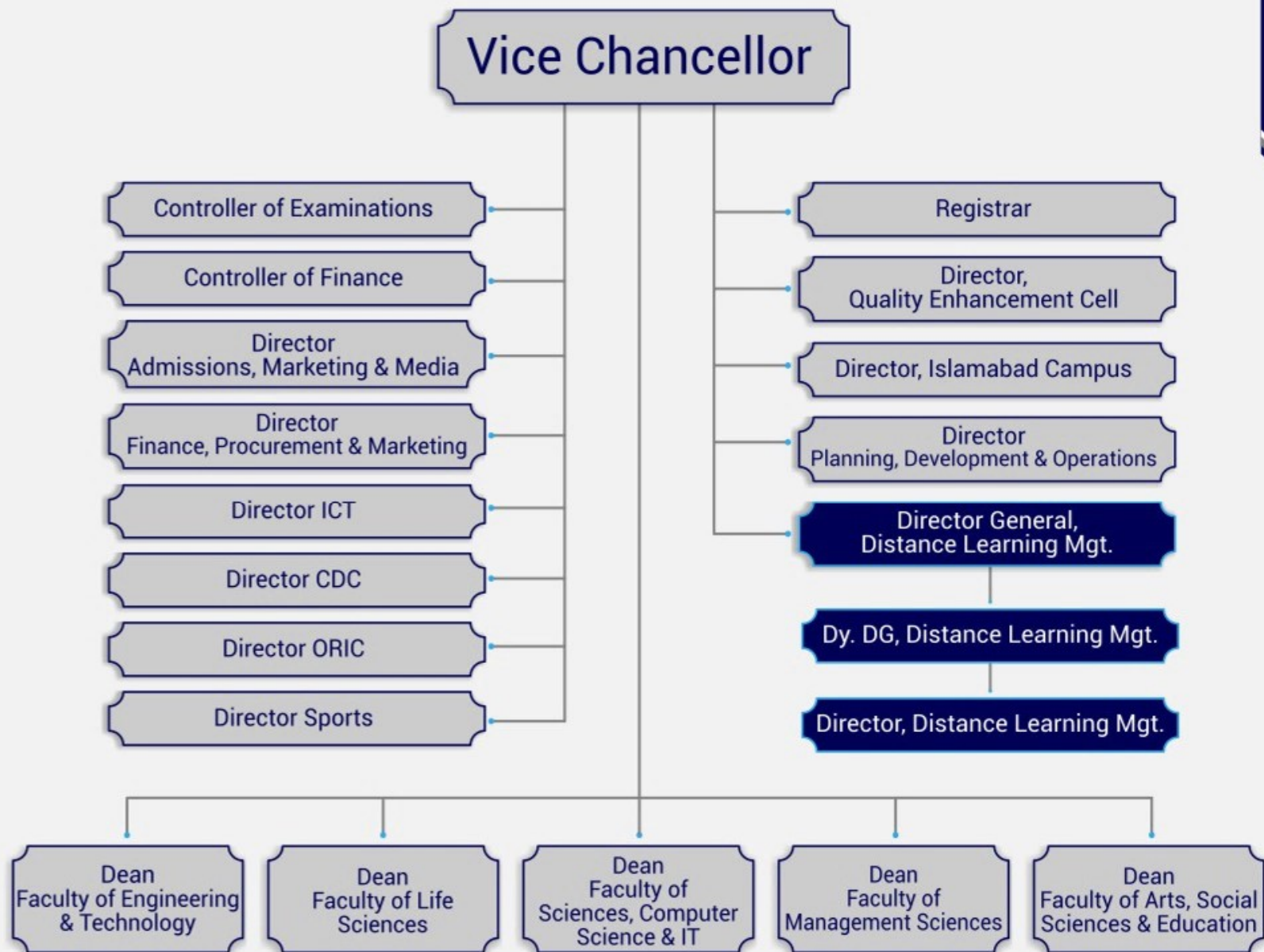
Student Strength in Distance Education





Sarhad University of Science and Information Technology (SUIT), Peshawar is one of the largest and top ranked multi-disciplinary Research & Teaching University of Khyber Pakhtunkhwa province of Pakistan, established in 2001 and offering 80+ degree programs from Bachelors to Doctorate level with highest number of Academic Departments / Institutes and award winning faculty. SUIT has state of the art Video Conference Room, Video Recording Studios, Seminar Hall, spacious class rooms and labs equipped with ultra-modern equipment and teaching facilities. The University has been ranked as category W-3 by Higher Education Commission (HEC-Pakistan) in terms of meeting academic, financial and physical infrastructure. In 2024, the university achieved another milestone by establishing the Islamabad Campus with the approval of HEC.

SUIT's Organizational Structure





Vision

Setting benchmarks in Distance Learning to provide quality education of international level at people's doorsteps using latest technology.

Mission

To impart quality education at affordable cost and to reach wider student community through Distance Learning in order to build a critical mass of highly skilled people capable of meeting global social, economic and industrial needs.

SUIT's Distance Learning Program

In line with the government's policy of developing a large pool of qualified human resource, the University decided to launch its Distance Learning Program in 2002 initially in the Province of Khyber Pakhtunkhwa and Islamabad Capital Territory, which is in conformity with its Charter and is recognized by the Higher Education Commission of Pakistan. Thus, apart from the traditional mode of face to face teaching at the Main Campus, SUIT is also successfully running its Distance Learning Program through its Student Support Centres (SSCs) which act as facilitation centres in a particular area and to provide certain academic and infrastructural facilities to the distant students. The current strength of distant students through this program is about 15,000, who are getting quality education at their doorsteps and playing their positive role in the development of the country at National and Provincial levels. Currently, through more than 100 well-established Student Support Centres, the degree programs of Arts, Social Sciences and Education, Management Sciences, Computer Sciences, and Allied Health Sciences are offered throughout Pakistan.

The province/region wise details regarding SUIT's legal status to offer Distance Learning Programs is as under and available at: <https://www.suit.edu.pk/#/Distance-Education>

Khyber Pakhtunkhwa and Islamabad: HEC, Islamabad endorsed the approval of Higher Education Department (KP) and issued NOC vide their letter No. 16-31/HEC/A&A/2005/209, dated 22nd February, 2005 in favour of Sarhad University, Peshawar to impart education through its distance learning centres in the province of KP and Federal Capital Territory. Moreover, all the SSCs in KP are registered with Higher Education Regulatory Authority (HERA), Peshawar.

Sindh: The Government of Sindh, vide their letter No. SO(Universities)/CMS/CIEC/2017, dated 27th February, 2017, issued NOC in favour of Sarhad University duly endorsed by HEC, Islamabad vide their letter No. 16-31/HEC/A&A/2010414, dated 5th May, 2017 and Sindh HEC, Karachi vide their letter No. DG/CIEC-SHEC/208/2024, dated 19th February, 2024.

Balochistan: The Government of Balochistan through Higher Education Department, Quetta, has also issued NOC vide their letter No. SO(Acad)5-1/HEC/2019/986, dated 23rd July, 2019, duly endorsed by the HEC, Islamabad vide their letter No. 16(31)/A&A/ACC/HEC-2010/1125, dated 8th February, 2021, in favour of Sarhad University, Peshawar.

Azad Jammu and Kashmir: The Government of AJK, through Higher Education Department, Muzaffarabad has issued NOC vide their letter No. SHE/PS/2013, dated 2nd May, 2013, duly endorsed by the HEC, Islamabad vide their letter No. 16-31/HEC/A&A/2010/1355, dated 26th October, 2017.

Gilgit-Baltistan: The Government of Gilgit-Baltistan has also issued NOC vide their letter No. Sec.Edu-2(23)/2011, dated 29th May, 2013, duly endorsed by the HEC, Islamabad vide their letter No. 16-31/HEC/A&A/2010/1355, dated 26th October, 2017 in respect of Sarhad University, Peshawar to launch their Distance Education Program in the area.

Punjab: In view of the approval granted by the HEC, Islamabad vide their letter No. 16(31)/A&A/ACC./HEC-2010/895, dated 5th June, 2024, the Punjab Higher Education Commission, Lahore vide their letter No. PHEC(Acc)4-89/2019/4429, dated 25th September, 2024, has also issued NOC to facilitate the University in establishing its SSCs in the Province of Punjab.

Newly Merged Districts of Khyber Pakhtunkhwa: The Governor's Secretariat, Government of Khyber Pakhtunkhwa vide their letter No. S.O(FATA)Edu/Dist:Edu/FATA-5301-12, dated 2nd November, 2010 issued NOC in favour of Sarhad University, Peshawar to establish Centres in all the seven newly merged districts of KP, previously known as FATA agencies. Due to law & order situation there, the initiative is yet to be implemented.

SUIT's distance learning program offers the following merits:

- 1) Reaches wider students' community,
- 2) Provides opportunity for obtaining higher education at a cost affordable by common man,
- 3) Helps students to complete studies without suffering emotionally or financially due to relocation,
- 4) Possibility of seeking help of appearing in examinations while out of town, and
- 5) Enables students to learn while they earn.

Open and Distance Learning Policy (ODL)

Sarhad University has adopted the HEC's ODL Policy 2024 in true letter and spirit in which more reliance has been made on online delivery mechanisms of learning based on three modes i.e. Asynchronous (teachers and students need not to remain online at the same time and program instruction is used for distant students), synchronous mode (teachers and students interact with each other at the same time using any LMS) and blended which uses a blend of different modes for SSC's. SUIT follow a blended mode of education through which online interaction and face-to-face teaching is supplemented by practical activities in certain degree programs where lab work is involved on designated premises.

For implementation of the HEC's ODL Policy requirements with particular reference to the provision of video lecture recordings for distant students, the University engages qualified faculty (E-Learning Faculty) and has developed a Media and Learning Management System (LMS) to ensure recording and uploading of quality video lectures. In this regard, the University established state-of-the-art studios for recording of educational contents along with a post-production department for the editing and review of the lectures. So far thousands of video lectures have been recorded and uploaded on the LMS and YouTube channels of the University to facilitate the distant students. Thus under the blended mechanism, the University plays a major role by providing recorded lectures to the students in asynchronous mode using its LMS while the tutors at the SSCs have face-to-face or online (synchronous mode) interaction with the students.

It is worth mentioning that for Distance Learning, SUIT follows the same curriculum which is approved by the statutory bodies of the University for the main campus students. The University engages qualified faculty from within or outside the University for recording theory courses/lab experiments for programs that are offered through the Distance Learning mechanism. For courses involving lab work, the lab experiments are recorded at the main campus and are available for the consumption of distant students via the same LMS, whereas, the component of lab work, requiring involvement/guidance of a tutor is conducted in the relevant lab of the SSC. The University provides fee structure, degree program structure, plans and administers admissions, examinations and declares results. Summing up, the University ensures that the distant students avail the same benefits as the regular students avail at the main campus.

Programs offered through Distance Learning

Sarhad Institute of Allied Health Sciences



▶ Doctor of Physiotherapy	(5 Years)
▶ BS Anesthesia Technology	(4 Years)
▶ BS Cardiac Care Technology	(4 Years)
▶ BS Dental Technology	(4 Years)
▶ BS Emergency & Intensive Care Technology	(4 Years)
▶ BS Health Technology	(4 Years)
▶ AD Medical Lab Technology	(2 Years)
▶ BS Medical Lab Technology	(2 / 2.5 / 4 Years)
▶ BS Human Nutrition & Dietetics	(4 Years)
▶ BS Optometry Technology	(4 Years)
▶ BS Medical Imaging Technology	(4 Years)
▶ BS Surgical Technology	(4 Years)
▶ BS Cardiac Perfusion Technology	(4 Years)

Department of Computer Science & IT



▶ BS Computer Science	(2.5 / 4 Years)
▶ BS Software Engineering	(4 Years)

Department of Business Administration



▶ AD Business Administration	(2 Years)
▶ Bachelor of Business Administration (BBA)	(2 / 2.5 / 4 Years)
▶ AD Commerce	(2 Years)
▶ BS Commerce	(2 / 2.5 / 4 Years)

Department of Education



▶ Associate Degree in Education	(2 Years)
▶ Bachelor of Studies in Education	(2 / 2.5 / 4 Years)
▶ Bachelor of Education (B.Ed)	(1.5 / 2.5 Years)

Department of Art & Design



▶ Diploma in Drawing Master-DDM	(1 Year)
▶ AD Textile & Fashion Design	(2 Years)
▶ BS Textile & Fashion Design	(2 / 2.5 / 4 Years)
▶ AD Fine Arts	(2 Years)
▶ BS Fine Arts	(2 / 2.5 / 4 Years)

Department of Library & Information Sciences



▶ AD Library & Information Sciences	(2 Years)
▶ BS Library & Information Sciences	(2 / 2.5 / 4 Years)

Department of Sports Sciences & Physical Education



▶ Junior Diploma in Physical Education (JDPE)	(1 Year)
▶ AD Physical Education	(2 Years)
▶ BS Sports Science & Physical Education	(2 / 2.5 / 4 Years)

Department of English



▶ AD English	(2 Years)
▶ BS English	(2 / 2.5 / 4 Years)

Department of Urdu



▶ AD Urdu	(2 Years)
▶ BS Urdu	(2 / 2.5 / 4 Years)



DPT (Doctor of Physiotherapy)

Program Details:

Program Code	107
Number of Courses	61 + 6 SCP + Research Project + Supervised Internship
Credit Hours	190
Minimum Duration	10 Semesters, 5 Years
Maximum Duration	15 Semesters, 7.5 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility Criteria:

- ◆ F. Sc. (Pre-Medical) or A-Levels with Equivalency Certificate from IBCC Islamabad with at least 60% Marks or an equivalent certificate from a recognized institution.
- ◆ Candidate with Diploma in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ Candidate will have to pass an entry test and an aptitude interview conducted by the University.

Program Learning Objectives:

- ◆ To develop a deep understanding of human anatomy, physiology, Pathology, Medicines, surgeries and kinesiology specifically related to Physiotherapy.
- ◆ To equip the students with practical skills in operating the equipment's and procedures of the technique including manual therapy, therapeutic exercises and the use of modalities in the field of Physiotherapy and rehabilitations.
- ◆ To inculcate critical thinking and problem-solving skills to create and implement effective, evidence-based treatment plans in rehabilitation.
- ◆ To enhance students understanding of professional and ethical standards in emphasizing the patients of Physiotherapy and rehabilitation ensuring safety, quality and effective communication with in the health care team.
- ◆ To prepare the graduates for leadership roles and continuous development in the field of rehabilitation including participation in research, education and advocacy.

Program Learning Outcomes:

- ◆ Graduates will demonstrate a comprehensive understanding of medicines, surgical interventions, anatomy, physiology, biochemistry and pathology of the human body relevant to physiotherapy and rehabilitation practices.
- ◆ Graduates will demonstrate the ability to deliver high quality patient-centered care that effectively address a variety of Musculo-skeletal, neurological and cardio-pulmonary conditions.
Graduates will be competent to exhibit proficiency in operating and troubleshooting physiotherapy and rehabilitation equipment's and techniques.
- ◆ Graduates will adhere to the highest ethical standards demonstrating a professionalism, effective communications and commitment to patient safety and quality care.
- ◆ Graduated will demonstrate a leadership role in physiotherapy and rehabilitation, engaging in continuous learning, research and professional advancement in the field and improved patient outcome.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs. 17
DPT 100	Anatomy-I	2-1
DPT 103	Physiology-I	2-1
DPT 105	Kinesiology-I	2-1
ENG 100	Functional English	3-0
GE 110	Introduction to Philosophy	2-0
ND 101	Basic Nutrition	2-0
QT 101	Understanding of Holy Quran-I (Only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (Only for Non-Muslims)	1-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 18
DPT 110	Anatomy-II	2-1
DPT 113	Physiology-II	2-1
DPT 115	Kinesiology-II	2-1
GE 116	Quantitative Reasoning-I	3-0
ENG 116	Expository Writing	3-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran-II (Only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (Only for Non-Muslims)	1-0

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
DPT 221	Anatomy-III	2-1
DPT 223	Physiology-III	2-1
DPT 240	Medical Physics	2-1
HS 112	Introduction to Medical Biochemistry	2-1
IT 107	Application of ICT	2-1
GE 119	Quantitative Reasoning-II	3-0

4th Semester

Course Code	Course Title	Cr. Hrs. 18
DPT 234	Anatomy- IV (Neuroanatomy)	2-1
DPT 210	Biomechanics and Ergonomics	2-1
GE 115	Introduction to Sociology	2-0
GE 109	Ideology and Constitution of Pakistan	2-0
GE 305	Civics and Community Engagement	2-0
GE 203	Entrepreneurship	2-0
GH 101/102	Islamic Studies/Value, Ethics and Society (For Non Muslims)	2-0
GS 306	Bioethics	2-0

5th Semester

Course Code	Course Title	Cr. Hrs. 20
DPT 310	Physiology- IV (Exercise Physiology)	2-1
DPT 315	Pharmacology and Therapeutic-I	2-0
DPT 313	Physical Agents and Electrotherapy-I	2-1
DPT 318	Community Medicine and Rehabilitation	2-1
HS 204	General Pathology	2-1
AI 323	Artificial Intelligence in Health Care	3-0
DPT 319	Supervised Clinical Practice-I	0-3

6th Semester

Course Code	Course Title	Cr. Hrs. 19
DPT 333	Pharmacology and Therapeutic-II	2-0
DPT 322	Physical Agents and Electrotherapy-II	2-1
DPT 320	Therapeutic Exercise and Techniques	2-1
DPT 323	Manual Therapy	2-1
MB 200	Basic Medical Microbiology	2-1
BIO 307	Molecular Biology and Genetics	2-0
DPT 329	Supervised Clinical Practice-II	0-3

7th Semester

Course Code	Course Title	Cr. Hrs. 19
DPT 411	Medicine-I	3-0
DPT 413	Surgery-I	3-0
DPT 418	Musculoskeletal Physical Therapy	2-1
DPT 415	Radiology and Diagnostics Imaging	2-1
RES 312	Scientific Writing and Research Methodology	3-0
DPT 430	Supervised Clinical Practice-III	0-4

8th Semester

Course Code	Course Title	Cr. Hrs. 20
DPT 444	Neurological Physical Therapy	2-1
DPT 432	Medicine-II	3-0
DPT 434	Surgery-II	3-0
DPT 460	Sports Physical Therapy	1-1
MA 219	Biostatistics	3-0
DPT 440	Professional Practice in Health Care	2-0
DPT 461	Supervised Clinical Practice-IV	0-4

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

9th Semester

Course Code	Course Title	Cr. Hrs. 20
DPT 511	Cardiopulmonary Physical Therapy	2-1
DPT 457	Prosthetics and Orthotics	2-0
DPT 535	Clinical Decision Making and Differential Diagnosis	3-0
DPT 540	Emergency Procedure in Physical Therapy	1-1
DPT 451	Evidence Based Practice	2-1
DPT 568	Geriatric Physical Therapy	2-1
DPT 550	Supervised Clinical Practice-V	0-4

10th Semester

Course Code	Course Title	Cr. Hrs. 18
DPT 335	Sustainable Development Goals: Health and Wealth Being	2-1
DPT 541	Integumentary Physical Therapy	1-1
DPT 555	Women Health Physical Therapy	2-1
DPT 557	Pediatric Physical therapy	2-1
DPT 579	Supervised Clinical Practice-VI	0-4
RES 485	Capstone Project	0-3



Bachelor of Science in Anesthesia Technology

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	198	305	304
Number of Courses	51 + 4 SCP + SI + Capstone Project	29 + 4 SCP + SI + Capstone Project	21 + 4 SCP + SI + Capstone Project
Credit Hours	141	89	70
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** Candidates with HSSC (Pre-Medical / Relevant Technology) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
Candidate with Diploma from any Medical Faculty in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ **2.5 Years:** The candidates holding Associate Degree in non-relevant Allied Health disciplines with at least 50% marks in annual system or at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI, he will be allowed to take admission in 2.5 years track subject to departmental approval. In such cases he or she will attend the Bridge Semester of the same discipline and will follow the scheme of study from 5th till 8th semester.
- ◆ **2 Years:** Candidates holding Associate Degree in Relevant Technology with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI. Candidates will have to appear in an entry test / interview to be conducted by any registered Testing Agency or University.

Program Objectives:

- ◆ To make students understand the types (General, Local, Spinal) of anesthesia.
- ◆ To help students attain in-depth knowledge of Anatomy, Physiology, Biochemistry and Pathology of Respiratory and Nervous System.
- ◆ To enable the students to have necessary technical skills to operate, manage & maintain the anesthesia equipment including Anesthesia machines, Ventilators and Continuous Positive Airway Pressure (CPAP) machine and other instruments used for General, Spinal and Local anesthesia.
- ◆ To inculcate ethical principles and professional standards in students making them useful members of the anesthesia team.
- ◆ To enable students to carry out research activities on their own in the field of anesthesia technology for improved care of the patients.

Program Learning Outcomes:

- ◆ Graduates will demonstrate a comprehensive understanding of Anatomy, Physiology, Biochemistry and Pathology of Respiratory and Nervous System.
- ◆ Graduates will exhibit proficiency in operating the anesthesia equipment and techniques to ensure optimal patient care.
- ◆ Graduates will apply evidence-based practices and critical thinking skills to effectively manage the anesthesia procedure and respond to clinical challenges.
- ◆ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to patient safety and quality care.
- ◆ Graduates will be able to work as an effective member of anesthesia team.
- ◆ Graduates will engage in research in the field of anesthesia to improve patient care

Scheme of Studies

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs. 19
AN 100	Introduction to Anesthesia Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 113	Patient Safety & Infection Control	1-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
MB 200	Basic Medical Microbiology	2-1
AHS 219	Introduction to Nursing Practice	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
AN 100	Introduction to Anesthesia Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
MB 200	Basic Medical Microbiology	2-1
GE 109	Ideology and Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan - II (for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs. 18
AN 202	Physiology related to Anesthesia	2-1
AN 323	Hematology related to Anesthesia	2-1
AN 204	Physics related to Anesthesia	1-1
AN 303	Anesthesia Equipment	1-1
AN 315	Anesthetic Drugs	2-1
AN 317	Cardiac Electrophysiology	1-1
AN 319	Supervised Clinical Practice - I	0-3

6th Semester

Course Code	Course Title	Cr. Hrs. 16
AN 327	Mechanical Ventilation	1-1
AN 307	Anesthesia & Co-existing Diseases	2-1
RES 312	Scientific Writing and Research Methods	3-0
AN 321	Advances in Anesthesia	2-0
AN 325	Infection Control	3-0
AN 329	Supervised Clinical Practice - II	0-3

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

Bachelor of Science in Anesthesia Technology

7th Semester

Course Code	Course Title	Cr. Hrs.18
AN 425	Anesthesia for General, Orthopedic & Oncological Surgery	1-1
AN 419	Anesthesia & Critical Care	1-1
AN 421	Anesthesia for Cardiothoracic, Neuro & Transplant Surgery	1-1
AN 423	Anesthesia for ENT, Ophthalmic, Dental & Daycare Procedures	1-1
AN 435	Pain Management and Palliative Care	1-1
AN 433	Fluid and Electrolyte Therapy	1-1
AI 323	Artificial Intelligence in Health Care	3-0
AN 437	Supervised Clinical Practice – III	0-3

8th Semester

Course Code	Course Title	Cr. Hrs.15
AN 427	Anesthesia for Pediatric, Obstetric & Special Population Surgery	2-1
AN 431	Emergency Anesthesia, Simulation & Ethical Practice	2-1
AN 429	Complications related to Anesthesia	2-1
AN 439	Supervised Clinical Practice – IV	0-3
RES 485	Capstone Project	0-3



Bachelor of Science in Cardiac Care Technology

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	300	306	301
Number of Courses	52 + 4 SCP + SI + Capstone Project	30 + 4 SCP + SI + Capstone Project	22 + 4 SCP + SI + Capstone Project
Credit Hours	136	84	65
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** Candidates with HSSC (Pre-Medical / Relevant Technology) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
Candidate with Diploma from any Medical Faculty in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ **2.5 Years:** The candidates holding Associate Degree in non-relevant Allied Health disciplines with at least 50% marks in annual system or at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI, he will be allowed to take admission in 2.5 years track subject to departmental approval. In such cases he or she will attend the Bridge Semester of the same discipline and will follow the scheme of study from 5th till 8th semester.
- ◆ **2 Years:** Candidates holding Associate Degree in Relevant Technology with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI. Candidates will have to appear in an entry test / interview to be conducted by any registered Testing Agency or University.

Program Objectives:

- ◆ To provide students with a comprehensive understanding of cardiovascular system and it's functioning.
- ◆ To develop knowledge and skills in diagnosing and treating various cardiovascular diseases and conditions.
- ◆ To train students in the use of diagnostic tools and technologies specific to cardiology, such as electrocardiography.
Echocardiography, Exercise tolerance test, Holter monitoring, electrophysiology and catheterization laboratories.
- ◆ To foster critical thinking and research skills related to cardiology, including the interpretation of medical literature and data analysis.
- ◆ To prepare students for further education or careers in cardiology, healthcare or related fields through a strong. Foundation of theoretical knowledge and practical experience.

Program Learning Outcomes:

- ◆ Will be able to support the medical expert (cardiologist / senior health care professionals) in a competent and professional manner.
- ◆ Will be equipped with the knowledge of cardiac diagnostic setups like electrophysiology laboratories, cardiac catheterization, laboratories, electrocardiography (ECG), echocardiography, exercise tolerance test, (ETT) and Holter monitoring.
- ◆ With advanced training in the newest technology, they will be able to open the door to new research in cardiology technology.
- ◆ Will play a significant role in improving the quality or healthcare facilities all over world.

Scheme of Studies

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs. 19
CRD 100	Introduction to Cardiac Care Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 113	Patient Safety & Infection Control	1-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
MB 200	Basic Medical Microbiology	2-1
AHS 219	Introduction to Nursing Practice	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
CRD 100	Introduction to Cardiac Care Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
MB 200	Basic Medical Microbiology	2-1
GE 109	Ideology and Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan - II (for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs. 16
CRD 201	Cardiopulmonary Anatomy	1-1
CRD 303	Cardiopulmonary Physiology	1-1
MLT 202	Hematology	1-1
CRD 307	Echocardiography - I	1-1
CRD 206	Electrocardiography - I	1-1
MA 219	Biostatistics	3-0
CRD 327	Supervised Clinical Practice - I	0-3

6th Semester

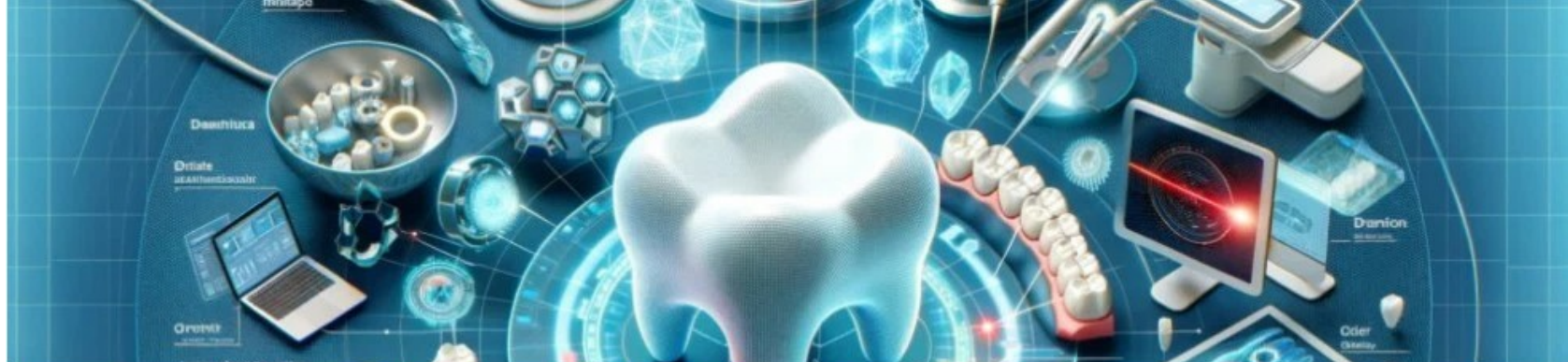
Course Code	Course Title	Cr. Hrs. 17
CRD 325	Clinical Medicine	1-1
CRD 320	Echocardiography - II	2-1
CRD 305	Electrophysiology	1-1
CRD 318	Medical Physics	2-0
CRD 314	Interventional Cardiology	1-1
AI 323	Artificial Intelligence in Health Care	3-0
CRD 329	Supervised Clinical Practice - II	0-3

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

7th Semester		
Course Code	Course Title	Cr. Hrs. 16
CRD 406	Heart Diseases	1-1
CRD 400	Diagnostic Equipment in Cardiology	1-1
CRD 419	Cardiac Rhythm Management	1-1
CRD 421	Cardiovascular Pharmacology	1-1
CRD 311	Electrocardiography - II	1-1
RES 312	Scientific Writing & Research Methods	3-0
CRD 425	Supervised Clinical Practice - III	0-3

8th Semester		
Course Code	Course Title	Cr. Hrs.13
CRD 404	Nuclear Cardiology	1-1
CRD 324	Critical Care	1-1
CRD 411	Preventive Cardiology	2-0
CRD 423	Professional Ethics and Legal Aspects in Cardiac Care Technology	1-0
CRD 435	Supervised Clinical Practice - IV	0-3
RES 485	Capstone Project	0-3



Bachelor of Science in Dental Technology

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	197	308	307
Number of Courses	50 + 4 SCP + SI + Capstone Project	29 + 4 SCP + SI + Capstone Project	21 + 4 SCP + SI + Capstone Project
Credit Hours	139	87	68
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** Candidates with HSSC (Pre-Medical / Relevant Technology) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
Candidate with Diploma from any Medical Faculty in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
 - ◆ **2.5 Years:** The candidates holding Associate Degree in non-relevant Allied Health disciplines with at least 50% marks in annual system or at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI, he will be allowed to take admission in 2.5 years track subject to departmental approval. In such cases he or she will attend the Bridge Semester of the same discipline and will follow the scheme of study from 5th till 8th semester.
 - ◆ **2 Years:** Candidates holding Associate Degree in Relevant Technology with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI.
- Candidates will have to appear in an entry test / interview to be conducted by any registered Testing Agency or University.

Program Learning Objectives:

- ◆ To have in-depth knowledge of Anatomy, Physiology, Biochemistry and Pathology of Head & Neck.
- ◆ To enable the students to have necessary technical skills to operate, manage & maintain the Dental Chair, Dental X-Ray, Autoclave and other equipment and dental material for optimal use.
- ◆ To enable the dental technologist to fabricate prosthodontics and orthodontics appliances, crown, bridges and surgical splints.
To inculcate ethical principles and professional standards in students making them useful members of the dental surgical team.
- ◆ To perform an effective roll in the field of dentistry to improve the community dental health.
- ◆ To inculcate research articles reading habits to keep up with new knowledge in the field.

Program Learning Outcomes:

- ◆ Graduates will demonstrate a comprehensive understanding of Anatomy, Physiology, Biochemistry and Pathology of Head & Neck.
- ◆ Graduates will exhibit proficiency in operating and maintaining the dental equipment and material to ensure optimal patient care.
- ◆ Graduates will apply evidence-based practices and critical thinking skills to effectively manage the dental procedure and respond to clinical challenges.
- ◆ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to patient safety and quality care.
- ◆ Graduates will be able to work as an effective member of dental surgical team.
- ◆ Graduates will engage in research in the field of anesthesia to improve patient care.

Scheme of Studies

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs. 19
DT 100	Introduction to Dental Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 113	Patient Safety & Infection Control	1-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
MB 200	Basic Medical Microbiology	2-1
AHS 219	Introduction to Nursing Practice	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
DT 100	Introduction to Dental Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
MB 200	Basic Medical Microbiology	2-1
GE 109	Ideology and Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan - II (for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs. 16
DT 210	Tooth Morphology	1-1
DT 333	Prosthodontics - I	1-1
DT 203	Oral Biology & Histology	2-1
DT 321	Minor Oral surgery	2-1
DT 323	Endodontics	2-1
DT 327	Supervised Clinical Practice - I	0-3

6th Semester

Course Code	Course Title	Cr. Hrs. 18
DT 329	Dental Material	1-1
DT 214	Fundamental of Implantology	1-1
DT 325	Prosthodontics - II	1-1
RES 312	Scientific Writing & Research Methods	3-0
DT 214	Periodontology	2-1
AI 323	Artificial Intelligence in Healthcare	3-0
DT 415	Supervised Clinical Practice - II	0-3

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

Bachelor of Science in Dental Technology**7th Semester**

Course Code	Course Title	Cr. Hrs.16
DT 315	Oral Pathology and Oral Medicine - I	1-1
DT 317	Paediatric Dentistry	1-1
DT 311	Fundamental of Oral and Maxillofacial Radiology	1-1
DT 301	Orthodontics - I	1-1
DT 305	Community and Preventive Dentistry	2-0
MA 219	Biostatistics	3-0
DT 421	Supervised Clinical Practice -III	0-3

8th Semester

Course Code	Course Title	Cr. Hrs. 15
DT 319	Orthodontics - II	1-1
DT 417	Oral Pathology and Oral Medicine - II	1-1
DT 419	Restorative Dentistry	2-1
DT 411	Medical Emergencies in Dental Practice	1-1
DT 433	Supervised Clinical Practice - IV	0-3
RES 485	Capstone Project	0-3



Bachelor of Science in Emergency & Intensive Care Technology

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	246	310	309
Number of Courses	52 + 4 SCP + SI + Capstone Project	30 + 4 SCP + SI + Capstone Project	22 + 4 SCP + SI + Capstone Project
Credit Hours	138	86	67
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** Candidates with HSSC (Pre-Medical / Relevant Technology) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
Candidate with Diploma from any Medical Faculty in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ **2.5 Years:** The candidates holding Associate Degree in non-relevant Allied Health disciplines with at least 50% marks in annual system or at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI, he will be allowed to take admission in 2.5 years track subject to departmental approval. In such cases he or she will attend the Bridge Semester of the same discipline and will follow the scheme of study from 5th till 8th semester.
- ◆ **2 Years:** Candidates holding Associate Degree in Relevant Technology with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI. Candidates will have to appear in an entry test / interview to be conducted by any registered Testing Agency or University.

Program Learning Objectives:

- ◆ To abreast the students with a deep understanding of Anatomy, Physiology, Pharmacology and Biochemistry of the human body.
- ◆ To equip the students with modern techniques and skills necessary to operate and maintain the equipment's in ready and functioning conditions available in the department of emergency and ICU.
- ◆ To familiarize the students about clinical settings to develop competency in monitoring and adjusting parameters for the patients in emergency and ICU.
- ◆ To grasp the knowledge about the ethical principles and professional standards by the students, making them responsible and useful member of the team managing causalities and patients in crisis in ICU.
- ◆ To impart training of administrative and communication skills to perform in the environment efficiently to show the expertise in legal implications of emergency cases and application of professional attitude during the management of crisis.

Program Learning Outcomes:

- ◆ Graduates will be able to demonstrate the knowledge of human structure, functions and disease process.
- ◆ Graduates will exhibit the knowledge regarding the techniques, skills and attitude necessary to perform safely and accurately all basic and advanced life support procedures in emergency or critical care trauma and other pathetic conditions of the patient in ICU.
- ◆ Graduates will emphasize proficiency in operating the equipment's in emergency and ICU and apply the techniques to ensure optimal patient care.
- ◆ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to patient safety and quality care.
- ◆ Graduates will demonstrate leadership in covering the emergencies and treating intensive care patient's technology, engaging in continuous learning, research and advance proposal in the field to improve patient outcome.

Scheme of Studies

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs. 19
EIC 100	Introduction to Emergency & Intensive Care Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 113	Patient Safety & Infection Control	1-1
AHS 221	Introduction to Public Health & Epidemiology	3-0
MB 200	Basic Medical Microbiology	2-1
AHS 219	Introduction to Nursing Practice	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
EIC 100	Introduction to Emergency & Intensive Care Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs.18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
MB 200	Basic Medical Microbiology	2-1
GE 109	Ideology and Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan - II (for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
EIC 300	Intensive Care Monitoring-I	1-1
EIC 302	Respiratory Therapy	1-1
EIC 304	Surgical Emergency	1-1
EIC 306	Emergency & its Types	1-1
EIC 308	Fundamental of Emergency	1-1
EIC 310	Burn & Toxicology	3-0
EIC 312	Basic & Advance Life Support	1-1
EIC 314	Supervised Clinical Practice I	0-3

6th Semester

Course Code	Course Title	Cr. Hrs.18
EIC 321	Anesthesia Equipment for EIC	1-1
RES 312	Scientific Writing & Research Methods	3-0
EIC 323	Neonatal & Pediatric Critical Care	1-1
EIC 325	Trauma Emergency - I	1-1
EIC 327	Cardiovascular Emergency	1-1
EIC 329	Intensive Care Monitoring-II	1-1
EIC 331	Medical Emergency	1-1
EIC 333	Supervised Clinical Practice II	0-3

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

7th Semester		
Course Code	Course Title	Cr. Hrs.15
EIC 400	Obstetrical Critical Care	1-1
AI 323	Artificial Intelligence in Healthcare	3-0
EIC 402	Diagnostic Imaging	2-1
EIC 404	Trauma Emergency - II	1-1
EIC 406	Ambulance Operation & Management	2-0
EIC 408	Supervised Clinical Practice III	0-3

8th Semester		
Course Code	Course Title	Cr. Hrs. 13
PH 416	Disaster Management	2-0
MD 315	Medicine	2-1
EIC 421	Surgical Intensive Care	1-1
EIC 423	Supervised Clinical Practice IV	0-3
RES 485	Capstone/Research	0-3



Bachelor of Science in Health Technology

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	193	302	243
Number of Courses	50 + 4 SCP + SI + Capstone Project	29 + 4 SCP + SI + Capstone Project	20 + 4 SCP + SI + Capstone Project
Credit Hours	139	87	68
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** Candidates with HSSC (Pre-Medical / Relevant Technology) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
Candidate with Diploma from any Medical Faculty in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ **2.5 Years:** The candidates holding Associate Degree in non-relevant Allied Health disciplines with at least 50% marks in annual system or at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI, he will be allowed to take admission in 2.5 years track subject to departmental approval. In such cases he or she will attend the Bridge Semester of the same discipline and will follow the scheme of study from 5th till 8th semester.
- ◆ **2 Years:** Candidates holding Associate Degree in Relevant Technology with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI. Candidates will have to appear in an entry test / interview to be conducted by any registered Testing Agency or University.

Program Learning Objectives:

- ◆ To have in-depth knowledge of human Anatomy, Physiology, Biochemistry and Pathology.
- ◆ To enable the students to have the necessary skills to work in all the healthcare outlets from primary to tertiary health care facilities.
- ◆ To enable the health technologist to have the basic knowledge of operating commonly available medical and surgical equipment in the wards and emergency units of healthcare facility.
- ◆ To inculcate ethical principles and professional standards in the students to deliver primary healthcare services in the community.
- ◆ To enable the students to focus on preventive aspect of field of health specifically targeting on preventable diseases through EPI vaccination program in the community.

Program Learning Outcomes:

- ◆ Graduates will demonstrate a comprehensive understanding of human Anatomy, Physiology, Biochemistry and Pathology.
- ◆ Graduates will exhibit necessary skills to work in all the healthcare outlets from primary to tertiary health care facilities.
- ◆ Graduates will demonstrate operating commonly available medical and surgical equipment in the wards and emergency units of healthcare facility.
- ◆ Graduates will effectively demonstrate ethical principles and professional standards to deliver primary healthcare services in the community.
- ◆ Graduates will show focused approach on preventive aspect of field of health specifically focusing on preventable diseases through running effective EPI vaccination program in the community.
- ◆ Graduates will adhere to the highest ethical standards demonstrating professionalism and effective communication to gain trust of the community for better acceptance of healthcare services being provided.

Scheme of Studies

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs. 19
HT 100	Introduction to Health Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 113	Patient Safety & Infection Control	1-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
MB 200	Basic Medical Microbiology	2-1
AHS 219	Introduction to Nursing Practice	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
HT 100	Introduction to Health Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
MB 200	Basic Medical Microbiology	2-1
GE 109	Ideology and Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan - II (for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs. 17
HT 300	The Endocrine Diseases	2-0
HT 302	The Infectious & Tropical Diseases	2-0
HT 304	Renal Diseases, Fluid and Electrolytes	2-1
HT 306	The Respiratory Diseases	2-0
HT 308	The Diseases of Digestive System	2-0
HT 310	Primary Health Care	3-0
HT 312	Supervised Clinical Practice I	0-3

6th Semester

Course Code	Course Title	Cr. Hrs. 17
RES 312	Scientific Writing & Research Methods	3-0
HT 322	Blood Disorder	2-1
HT 324	Cardiovascular Diseases	2-0
HT 326	Neurological Disorder	2-0
HT 328	Diseases of Children	2-0
HT 330	Poisoning	2-0
HT 332	Supervised Clinical Practice II	0-3

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

Bachelor of Science in Health Technology

7th Semester

Course Code	Course Title	Cr. Hrs. 15
HT 400	Skin Diseases	2-1
HT 402	Mother Child Health & Vaccination	2-1
SR 313	General Surgery & Urology	2-1
AI 323	Artificial Intelligence in Health Care	3-0
HT 404	Supervised Clinical Practice III	0-3

8th Semester

Course Code	Course Title	Cr. Hrs. 16
PH 400	Mental Health	3-0
HT 412	Rheumatology & Bone Diseases	2-1
HT 414	Diseases of Ear, Nose & Throat	2-0
HT 416	Clinical Ophthalmology	2-0
HT 418	Supervised Clinical Practice IV	0-3
RES 485	Capstone Project	0-3



Associate Degree in Medical Lab Technology

Program Details:

Program Code	167
Number of Courses	32
Credit Hours	75
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	10 Semesters, 5 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility Criteria:

- ◆ Candidates with HSSC (Pre-Medical / MLT) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
- ◆ Candidate with Diploma in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.
- ◆ Candidates will appear in an interview to be conducted by the University.

Program Learning Objectives:

The two year AD MLT program will acquaint the students with the knowledge in the field of Medical Laboratory Technology and its related academic and applied aspects. The program aims to prepare the students to effectively assist the senior health professionals in the delivery of quality health services from primary to the tertiary level

Program Learning Outcomes:

The skilled graduates will efficiently and professionally discharge their duties in the functioning of medical laboratory. The graduates will be able to assist the doctors in discharging the duty.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH 101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 19
MLT 109	Introduction to Medical Lab Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1
MLT 110	Fundamentals of Hematology	1-1

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
GE 109	Ideology and Constitution of Pakistan	2-0
MB 200	Basic Medical Microbiology	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs. 20
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
MLT 111	RBC Disorders	1-1
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (for Non-Muslims)	1-0



Bachelor of Science in Medical Lab Technology

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	154	218	219
Number of Courses	49 + 4 SCP + Internship + Capstone Project	26 + 4 SCP + Internship + Capstone Project	19 + 4 SCP + Internship + Capstone Project
Credit Hours	144	93	74
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** F.Sc (Pre-Medical / MLT) or A-Level with equivalence certificate from IBCC, Islamabad with at least 50% marks.
Candidates with Diploma in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
 - ◆ **2.5 Years:** Candidates holding 14 years of Bachelor degree in Biological Sciences with at least 50% marks in annual system or Associate Degree in any Allied Health disciplines, other than MLT, with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the Bridge semester of their degree program. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.
 - ◆ **2 Years:** Candidates holding Associate Degree in MLT with at least 2.00 CGPA on the scale of 4.00 from any recognized university/ institution will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI.
- Candidates needs to pass an entry test or an aptitude interview conducted by the University.

Program Learning Objectives:

- ◆ To have in-depth knowledge of Physiology, Biochemistry, Pathology and Anatomy of human body focusing on diagnostic elements.
- ◆ To enable the students to have necessary technical skills to operate, manage, troubleshoot & maintenance of Laboratory equipment.
- ◆ To enable to maintain protective and cross contamination free environment in the Laboratory and patient sample taking area.
- ◆ To inculcate ethical principles and professional standards in students making them useful members of the medical laboratory team.
- ◆ To keep abreast with academic research to have new knowledge undergoing in the field.

Program Learning Outcomes:

- ◆ Graduates will demonstrate in-depth knowledge of Anatomy, Physiology, Biochemistry and disease process especially general and special pathology of human body
- ◆ Graduates will exhibit proficiency to manage & maintain the laboratory cleanliness and sterilization of laboratory instruments and maintenance of the machines and equipment's requires for caring out different tests of the patients.
- ◆ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to avoid contamination in order to ensure the patient safety and quality care.
- ◆ Graduates will be able to work as an effective member of laboratory team.
- ◆ Graduates will engage in continuous professional development, research and education in the field of medical laboratory to improve patient care.

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs.19
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 200	General Pathology	2-1
MLT 216	RBC Disorders	2-1
MB 200	Basic Medical Microbiology	2-1
AHS 214	General Pharmacology	2-1
QT 101	Understanding of Holy Quran-I (Only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (Only for Non-Muslims)	1-0

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH 101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
MLT 109	Introduction to Medical Lab Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
GE 109	Ideology and Constitution of Pakistan	2-0
MB 200	Basic Medical Microbiology	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs. 18
MLT 329	Hematology-I	2-1
MLT 327	Clinical Biochemistry	2-1
MLT 323	Clinical Bacteriology and Virology	2-1
MLT 331	Medical Laboratory Instrumentations	2-1
MLT 337	Molecular Biology	2-1
MLT 339	Supervised Clinical Practice - I: Biochemistry	0-3

6th Semester

Course Code	Course Title	Cr. Hrs. 18
MLT 318	Chemical Pathology	2-1
MLT 333	Medical Parasitology & Mycology	2-1
RES 312	Scientific Writing & Research Methods	3-0
MA 219	Biostatistics	3-0
MLT 437	Hematology-II	2-1
MLT 321	Supervised Clinical Practice - II: Microbiology	0-3

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

7th Semester

Course Code	Course Title	Cr. Hrs. 18
MLT 407	Immunology & Serology	2-1
MLT 433	Blood Bank & Transfusion Medicine	2-1
CS 338	Bioinformatics	2-1
MLT 431	Biomarkers in Disease Diagnosis	2-1
MLT 435	Forensic & Toxicology	2-1
MLT 429	Supervised Clinical Practice - III: Hematology	0-3

8th Semester

Course Code	Course Title	Cr. Hrs. 17
AI 323	Artificial Intelligence in Health Care	3-0
MLT 423	Clinical Lab Management	2-0
MLT 425	Cytology and Histotechniques	2-1
MLT 325	Biotechnology	2-1
MLT 439	Supervised Clinical Practice - IV: Immunology and Serology	0-3
RES 485	Capstone Project	0-3



Bachelor of Science in Human Nutrition & Dietetics

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	196	316	245
Number of Courses	47 + 2 SCP + Certifications + SI + Capstone Project	26 + 2 SCP + Certifications + SI + Capstone Project	20 + 2 SCP + Certifications + SI + Capstone Project
Credit Hours	141	90	73
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** Candidates with HSSC (Pre-Medical/Pre Engineering/Food related subject/DAE in food related subjects) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
Candidate with Diploma in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ **2.5 Years:** The candidates holding Associate Degree in non-relevant Allied Health disciplines with at least 50% marks in annual system or at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI, he will be allowed to take admission in 2.5 years track subject to departmental approval. In such cases he or she will attend the Bridge Semester of the same discipline and will follow the scheme of study from 5th till 8th semester.
- ◆ **2 Years:** Candidates holding Associate Degree in Human Nutrition & Dietetics or Equivalent degree with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI.

Candidates will have to appear in an entry test / interview to be conducted by any registered Testing Agency or University.

Program Learning Objectives:

- ◆ To abreast the students with a deep understanding of Anatomy, Physiology, Pharmacology and Biochemistry especially relevant to the field of nutrition and dietetics which is intake of food, its absorption, assimilation and utilization by the human body.
- ◆ To impart the student the knowledge of good nutrition important for the normal growth, development, delaying aging, healthy pregnancy outcomes, maintaining a healthy body and reducing the risks of chronic diseases leading to overall health of wellbeing.
- ◆ To develop the fundamental education of nutrition in order to help the individuals to establish food habits and practices that are consistent with the nutritional needs of the body and adopted to the cultural patterns and food resources in the area in which they live.
- ◆ To prepare the graduates for leadership roles and continuous professional developments in the field of nutrition, engaging themselves in research, education and advocacy.
- ◆ To enhance the students understanding of professional and ethical standards, emphasizing patients' safety, quality assurance and effective communication within the nutrition and dietetic team.

Program Learning Outcomes:

- ◆ Graduates will be able to demonstrate the knowledge of human structure, its functions and intake of food, digestion, its absorption, assimilation, utilization and disease process.
- ◆ Graduates will exhibit the knowledge regarding nutritional assessment techniques, skills and attitude necessary to diagnose health problems due to consumption of non-optimal quantities of the nutrients.
- ◆ Graduates will grasp the knowledge about the microbial contamination of foods and factors effecting the growth of microorganisms leading to food born infections, intoxications and role of probiotics in our daily life.
- ◆ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to patient safety and quality care.
- ◆ Graduates will play leadership role in the field of nutrition and dietetics, engaging themselves in continuous learning, research and advance proposal in the field to improve patient outcome.

Scheme of Studies

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs. 17
HND 100	Introduction to Food Science and Technology 2-1	
HND 102	Fundamentals of Human Nutrition and Dietetics 3-0	
HND 106	Macro and Micro Nutrients 3-0	
HND 108	Food Microbiology and Biotechnology 2-1	
HND 201	Food Safety & Quality Management 3-0	
HND 203	Functional Foods & Nutraceuticals 2-0	

1st Semester

Course Code	Course Title	Cr. Hrs. 18
GE 116	Quantitative Reasoning-I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
HND 100	Introduction to Food Science and Technology 2-1	
HND 102	Fundamentals of Human Nutrition and Dietetics 3-0	

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
GE 119	Quantitative Reasoning-II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1
GE 115	Introduction to Sociology	2-0
HND 106	Macro and Micro Nutrients	3-0
HND 108	Food Microbiology and Biotechnology	2-1
GE 109	Ideology & Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

3rd Semester

Course Code	Course Title	Cr. Hrs. 16
GH 101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GH 103	Pakistan Studies	2-0
GE 110	Introduction to Philosophy	2-0
HND 201	Food Safety & Quality Management	3-0
HND 203	Functional Foods & Nutraceuticals	2-0
MB 200	Basic Medical Microbiology	2-1
GE 205	Civics and Community Engagement	2-0

4th Semester

Course Code	Course Title	Cr. Hrs. 17
GE 307	Entrepreneurship	2-0
ENG 116	Expository Writing	3-0
AHS 200	General Pathology	2-1
HND 210	Clinical Biochemistry	2-1
HND 212	Food Service Management	1-1
HND 214	Fundamentals of Food Systems	3-0
QT 300	Understanding of Holy Quran-II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (for Non-Muslims)	1-0

The student may Exit with Associate Degree in Human Nutrition & Dietetics after completion of 04 semesters in BS HND degree program subject to given terms and conditions.

5th Semester

Course Code	Course Title	Cr. Hrs. 18
HND 300	Analytical Techniques in Food and Nutrition	1-2
HND 302	Community and Public Health Nutrition	3-0
HND 304	Nutrition through life cycle	3-0
HND 306	Meal Planning and Management	2-1
HND 308	Nutritional Assessment	2-1
HND 310	Dietetics-I	2-1

6th Semester

Course Code	Course Title	Cr. Hrs. 19
HND 320	Food & Drug Laws and Regulations	2-0
HND 322	Research Methods in Food and Nutrition	1-1
HND 324	Food Product Development	1-2
HND 326	Dietetics-II	2-1
HND 328	Supervised Practicum-I	0-3
HND 330	Nutritional Psychology	3-0
HND 332	Nutrition in Emergencies	3-0

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

7th Semester

Course Code	Course Title	Cr. Hrs.18
HND 401	AI in Food & Nutrition	3-0
HND 403	*Food and Nutrition Certifications	0-3
HND 405	Supervised Practicum-II	0-3
HND 407	Nutrition Education & Counseling	2-1
HND 409	Maternal & Child Nutrition	3-0
HND 411	Nutrition & Mental Health	3-0

*BS Human Nutrition & Dietetics students are required to complete three certifications (equivalent to 3 credit hours in total) over the period of four-year program as a mandatory condition for degree completion. Each certification will be considered equivalent to 1 credit hour if it comprises at least 16 hours. The respective department will guide students in selecting relevant certifications, ensuring alignment with current market needs and the program's objectives.

8th Semester

Course Code	Course Title	Cr. Hrs. 15
HND 431	Food and Nutrition Policies	3-0
HND 433	Nutritional Epidemiology	3-0
HND 435	Nutrition Metabolism & Endocrinology	3-0
HND 437	Nutrition Program Planning and Evaluation	3-0
RES 485	Capstone Project	0-3



Bachelor of Science in Optometry Technology

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	224	312	311
Number of Courses	52 + 4 SCP + SI + Capstone Project	30 + 4 SCP + SI + Capstone Project	22 + 4 SCP + SI + Capstone Project
Credit Hours	142	90	71
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** Candidates with HSSC (Pre-Medical / Relevant Technology) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
Candidate with Diploma from any Medical Faculty in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
 - ◆ **2.5 Years:** The candidates holding Associate Degree in non-relevant Allied Health disciplines with at least 50% marks in annual system or at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI, he will be allowed to take admission in 2.5 years track subject to departmental approval. In such cases he or she will attend the Bridge Semester of the same discipline and will follow the scheme of study from 5th till 8th semester.
 - ◆ **2 Years:** Candidates holding Associate Degree in Relevant Technology with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI.
- Candidates will have to appear in an entry test / interview to be conducted by any registered Testing Agency or University.

Program Learning Objectives:

The Vision Sciences department has been developed to provide access to undergraduate education in a diverse range of specialties in the field of Optometry. The students will carry out full eye examinations and gain specialist skills such as pediatric, binocular vision, contact lens and dispensing. In addition, they will examine patients with a range of eye diseases and gain experience in dispensing spectacles.

The key purpose of the program is to provide optometrists with up-to-date research-based clinical and theoretical knowledge of a wide range of fields, particularly in primary care optometry. Emphasis is placed on 'share-care' or 'co-management' of patients with other medical disciplines and the expansion of the optometrist's role in ocular therapeutics.

The program integrates clinical and theoretical knowledge, making extensive use of expert practitioners. The program enables optometrists to continue development and accumulation of knowledge and expertise relating to ocular health care and vision science during their professional careers.

Program Learning Outcomes:

- At the end of 4 years program, student should have basic knowledge and skills required to work as an optometrist and are supposed to have the following performance capabilities.
- ◆ Able to differentiate / detect normal and abnormal eyes.
 - ◆ Able to take history of the patient with refractive errors
 - ◆ Able to examine the anterior segment of the eyes prescribe eye glass
 - ◆ Able to perform screening for refractive error
 - ◆ Able to carry out basic optometric procedures
 - ◆ Able to have basic knowledge about various diagnostic optometric procedures
 - ◆ Able to educate patients regarding eye care
 - ◆ Able to carry out basic contact lens fitting low vision & orthotics assessment
 - ◆ Able to initiate research in the area of optometry

Scheme of Studies

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs. 19
OPT 100	Introduction to Optometry Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 113	Patient Safety & Infection Control	1-1
AHS 221	Introduction to Public Health & Epidemiology	3-0
MB 200	Basic Medical Microbiology	2-1
AHS 219	Introduction to Nursing Practice	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
OPT 100	Introduction to Optometry Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
MB 200	Basic Medical Microbiology	2-1
GE 109	Ideology and Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan - II (for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs. 18
OPT 201	Anatomy of the Eye	2-1
OPT 203	Physiology of the Eye	2-1
OPT 200	Clinical Refraction & Instrument Optics	2-0
OPT 202	Basic Clinical Skills & Basic Community Ophthalmology	2-0
OPT 207	Geometrical and Physical Optics	2-1
OPT 208	Skills for Adv. Visual Function Assessment	1-1
OPT 211	Supervised Clinical Practice - I	3-0

6th Semester

Course Code	Course Title	Cr. Hrs. 18
HT 334	Introduction to Otolaryngology (ENT)	2-1
OPT 216	Ocular Pharmacology	2-1
OPT 218	Basic Ocular Diseases	1-1
OPT 304	Physiological Visual Optics	1-1
OPT 220	Ophthalmic Nursing	1-1
SR325	General Surgery	2-1
OPT222	Supervised Clinical Practice - II	3-0

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

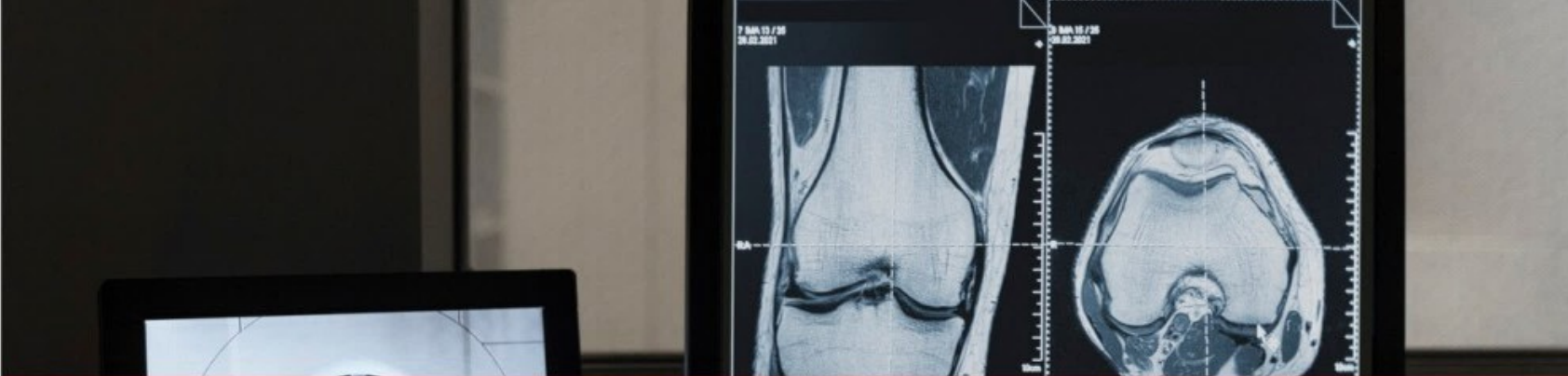
Bachelor of Science in Optometry Technology

7th Semester

Course Code	Course Title	Cr. Hrs.17
OPT 313	Dispensing Optics	3-0
OPT 414	Contact Lens & Advanced Contact Lens	2-0
OPT 317	Low Vision	2-0
OPT 308	Orthoptics	2-0
OPT 302	Advanced Ocular Diseases	2-0
RES 312	Scientific Writing & Research Methods	3-0
OPT 416	Supervised Clinical Practice – III	3-0

8th Semester

Course Code	Course Title	Cr. Hrs. 15
OPT 418	Vision Sciences & Clinical Optics	2-0
OPT 405	Pediatric Optometry	2-0
OPT 412	Neuro Ophthalmology	2-0
AI 323	Artificial Intelligence in Health Care	3-0
OPT 421	Supervised Clinical Practice - IV	3-0
RES 485	Capstone Project	0-3



Bachelor of Science in Medical Imaging Technology

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	298	315	299
Number of Courses	51 + 4 SCP + SI + Capstone Project	30 + 4 SCP + SI + Capstone Project	22 + 4 SCP + SI + Capstone Project
Credit Hours	138	86	67
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** Candidates with HSSC (Pre-Medical / Relevant Technology) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
Candidate with Diploma from any Medical Faculty in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ **2.5 Years:** The candidates holding Associate Degree in non-relevant Allied Health disciplines with at least 50% marks in annual system or at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI, he will be allowed to take admission in 2.5 years track subject to departmental approval. In such cases he or she will attend the Bridge Semester of the same discipline and will follow the scheme of study from 5th till 8th semester.
- ◆ **2 Years:** Candidates holding Associate Degree in Relevant Technology with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI. Candidates will have to appear in an entry test / interview to be conducted by any registered Testing Agency or University.

Program Learning Objectives:

- ◆ To develop a strong foundational knowledge in the anatomy of human body, with basic knowledge of its physiology, biochemistry and pathology.
- ◆ To equip the students with practical skills in the use, radiation protection and maintenance of equipment specific to radiology and imaging e.g. ultra-sonography, MRI/CT, Mammography & Fluoroscopy etc.
- ◆ To promote critical thinking and problem-solving abilities through case studies, simulations and clinical rotations in healthcare outlets.
- ◆ To enhance students' understanding of professional and ethical standards in radiology and imaging technology emphasizing patient safety, quality assurance and effective communication.
- ◆ To focus and participate in research and analysis in the field of radiology and imaging.

Program Learning Outcomes:

- ◆ Graduates will demonstrate a comprehensive understanding of radiology and imaging including the anatomy of human body, physiology and pathology.
- ◆ Graduates will demonstrate proficiency in practical skills in the use, radiation protection, troubleshooting and maintenance of equipment specific to radiology and imaging ensuring optimal patient care.
- ◆ Graduates will apply evidence-based practices and critical thinking skills to effectively manage and respond to the clinical challenges in the field of radiology and imaging.
- ◆ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication, and a commitment to patient safety and quality care.
- ◆ Graduates will demonstrate skills in research and analysis in the field of radiology and imaging.

Scheme of Studies

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs. 19
MIT 100	Introduction to Medical Imaging Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 113	Patient Safety & Infection Control	1-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
MB 200	Basic Medical Microbiology	2-1
AHS 219	Introduction to Nursing Practice	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
MIT 100	Introduction to Medical Imaging Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
MB 200	Basic Medical Microbiology	2-1
GE 109	Ideology and Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan - II (for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs. 18
RD 205	Radiation Sciences & Technology	1-1
MI 310	General Radiology & Positioning Techniques	1-1
MI 308	Fluoroscopy & Radiological Procedures	2-1
RD 307	Mammography & Special Radiological Techniques	2-1
RD 303	Radiobiology & Radiation Protection	2-0
MI 302	Applied Medicine	3-0
MI 316	Supervised Clinical Practice - I	0-3

6th Semester

Course Code	Course Title	Cr. Hrs. 18
MI 300	Anatomy for Diagnostic Imaging	2-1
MI 304	Computed & Digital Radiography	2-0
MI 306	Computed Tomography - I	1-1
MI 314	Magnetic Resonance Imaging - I	1-1
MI 312	General Surgery	3-0
AI 323	Artificial Intelligence in Health Care	3-0
MI 318	Supervised Clinical Practice - II	0-3

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

7th Semester		
Course Code	Course Title	Cr. Hrs. 13
MI 400	Computed Tomography - II	1-1
MI 402	Magnetic Resonance Imaging - II	1-1
RD 404	Introduction to Diagnostic Clinical Sonography	1-2
RES 477	Scientific Writing & Research Methods	3-0
MI 416	Supervised Clinical Practice – III	0-3

8th Semester		
Course Code	Course Title	Cr. Hrs. 15
RD 415	Clinical Pathology and Radiological Presentation	2-1
RD 402	Therapeutic Radiology	1-1
MD 401	Nuclear Medicine	1-1
RD 312	Interventional Radiology	1-1
MI 422	Supervised Clinical Practice IV	0-3
RES 485	Capstone Project	0-3



Bachelor of Science in Surgical Technology

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	195	314	313
Number of Courses	47 + 4 SCP + SI + Capstone Project	25 + 4 SCP + SI + Capstone Project	17 + 4 SCP + SI + Capstone Project
Credit Hours	139	87	68
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- ◆ **4 Years:** Candidates with HSSC (Pre-Medical / Relevant Technology) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
Candidate with Diploma from any Medical Faculty in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ **2.5 Years:** The candidates holding Associate Degree in non-relevant Allied Health disciplines with at least 50% marks in annual system or at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI, he will be allowed to take admission in 2.5 years track subject to departmental approval. In such cases he or she will attend the Bridge Semester of the same discipline and will follow the scheme of study from 5th till 8th semester.
- ◆ **2 Years:** Candidates holding Associate Degree in Relevant Technology with at least 2.00 CGPA on the scale of 4.00 from any recognized university/DAI will join from the 5th semester of their degree program. The candidate will study more credit hour's than he has studied in his previous university/DAI. Candidates will have to appear in an entry test / interview to be conducted by any registered Testing Agency or University.

Program Learning Objectives:

- ◆ To have in-depth knowledge of Anatomy, Physiology, Biochemistry and Pathology of human body.
- ◆ To enable the students to have necessary technical skills to manage & maintain the OT cleanliness & sterilization of surgical instruments.
To enable the students to look after the sucker machines etc. They are also trained to prepare surgical trolley according to the due surgical procedure for optimal patient care.
- ◆ To inculcate ethical principles and professional standards in students making them useful members of the surgical team.
- ◆ To keep abreast with academic research to have new knowledge undergoing in the field.

Program Learning Outcomes:

- ◆ Graduates will demonstrate in-depth knowledge of Anatomy, Physiology, Biochemistry and Pathology of human body.
- ◆ Graduates will exhibit proficiency to manage & maintain the OT cleanliness & sterilization of surgical instruments and maintenance of the sucker machines etc. They are also able to prepare surgical trolley according to the due surgical procedure.
- ◆ Graduates will adhere to the highest ethical standards demonstrating professionalism, effective communication and commitment to patient safety and quality care.
- ◆ Graduates will be able to work as an effective member of surgical team.
- ◆ Graduates will engage in continuous professional development in the field of surgery to improve patient care.

Scheme of Studies

Bridge Semester (for BS 2.5 years program)

Course Code	Course Title	Cr. Hrs. 19
SR 100	Introduction to Surgical Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 113	Patient Safety & Infection Control	1-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
MB 200	Basic Medical Microbiology	2-1
AHS 219	Introduction to Nursing Practice	2-1
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

1st Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester

Course Code	Course Title	Cr. Hrs. 17
SR 100	Introduction to Surgical Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
MB 200	Basic Medical Microbiology	2-1
GE 109	Ideology and Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs. 18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan - II (for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs. 18
SR 317	Regional & Surgical Anatomy	2-1
SR 311	Fundamentals of Sterilization & Disinfection	2-1
SR 201	Surgical Instruments & Equipment	2-1
SR 210	Anesthesia Techniques & Equipment	2-1
SR 323	Surgical Setup & Positioning	2-1
SR 319	Supervised Clinical Practice I: Gynecology & Obstetrics	0-3

6th Semester

Course Code	Course Title	Cr. Hrs. 18
SR 314	Peri Operative Care	2-1
SR 313	General Surgery & Urology	2-1
SR 315	Operative Gynecology & Obstetrics Surgery	2-1
RES 312	Scientific Writing & Research Methods	3-0
SR 321	Supervised Clinical Practice- II: Surgery & Allied	2-1
MA 219	Biostatistics	3-0

Summer Semester

Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

Bachelor of Science in Surgical Technology

7th Semester

Course Code	Course Title	Cr. Hrs. 15
SR 422	Operative Neuro & Orthopedic Surgery	2-1
SR 420	Operative Cardiothoracic Surgery	2-1
SR 419	Operation Theatre Management	2-1
AI 323	Artificial Intelligence in Health Care	3-0
SR 424	Supervised Clinical Practice III: Neuro & Orthopedic	0-3

8th Semester

Course Code	Course Title	Cr. Hrs. 14
SR 412	CSSD Operation and Management	1-1
SR 414	Fundamental of Infection Control	2-1
SR 410	Advanced Operating Theatre Technology	2-1
SR 426	Supervised Clinical Practice IV: Cardiothoracic Surgery	0-3
RES 485	Capstone Project	0-3



Bachelor of Science in Cardiac Perfusion Technology

Program Details:

Program Code	256
Number of Courses	52 + 4 SCP + SI + Capstone Project
Credit Hours	142
Minimum Duration	8 Semesters, 4 Years
Maximum Duration	12 Semesters, 6 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility Criteria:

- ◆ Candidates with HSSC (Pre-Medical / Relevant Technology) or A-Levels with equivalency certificate from IBCC Islamabad with at least 50% marks are eligible to apply.
- ◆ Candidate with Diploma in relevant field with at least 50% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system with equivalency certificate from IBCC Islamabad are eligible to apply.
- ◆ Candidates will have to appear in an entry test to be conducted by any registered Testing Agency or University.
- ◆ Candidates will appear in an interview to be conducted by the University.

Program Objectives:

- ◆ To provide students with a solid understanding of cardiovascular anatomy, physiology, and pathology relevant to cardiac surgery and perfusion technology.
- ◆ To equip students with the technical skills necessary to operate and manage cardiopulmonary bypass equipment effectively during cardiac surgeries.
- ◆ To train students in clinical settings to develop competency in monitoring and adjusting physiological parameters during cardiopulmonary bypass procedures.
- ◆ To instill ethical principles and professional standards in students, preparing them for responsible practice in cardiac care teams.
- ◆ To encourage research activities that contribute to advancements in perfusion technology, improving patient outcomes and quality of care.

Program Outcomes:

- ◆ Graduates will demonstrate proficiency in operating cardiopulmonary bypass equipment and managing perfusion during cardiac surgeries.
- ◆ Graduates will be capable of monitoring and managing patients on cardiopulmonary bypass, ensuring optimal physiological conditions during surgery.
- ◆ Graduates will apply critical thinking skills to assess and respond to changes in patient condition during cardiac surgeries, ensuring safe and effective perfusion.
- ◆ Graduates will effectively communicate with members of the cardiac surgical team, fostering collaborative and patient-centered care.
- ◆ Graduates will adhere to ethical principles and professional standards in their practice, contributing positively to the healthcare system and maintaining patient safety.

Bachelor of Science in Cardiac Perfusion Technology

Scheme of Studies

1st Semester		
Course Code	Course Title	Cr. Hrs. 18
AHS 101	Human Anatomy	2-1
AHS 103	Human Physiology	2-1
AHS 105	Introduction to Medical Biochemistry	1-1
GE 116	Quantitative Reasoning - I (Pre-Calculus)	3-0
ENG 100	Functional English	3-0
GH101/102	Islamic Studies/ Value, Ethics and Society (For Non-Muslims)	2-0
GE 115	Introduction to Sociology	2-0

2nd Semester		
Course Code	Course Title	Cr. Hrs. 17
CPT 100	Introduction to Cardiac Perfusion Technology	2-0
AHS 107	First Aid & Emergency Care	1-1
AHS 109	Introduction to Medical Equipment & Technology	2-1
AHS 111	Introduction to Allied Health Sciences - I	2-0
AHS 113	Patient Safety & Infection Control	1-1
GE 119	Quantitative Reasoning - II (Introduction to Statistics)	3-0
IT 107	Applications of ICT	2-1

3rd Semester		
Course Code	Course Title	Cr. Hrs.18
AHS 209	Introduction to Allied Health Sciences - II	2-0
AHS 200	General Pathology	2-1
AHS 221	Introduction to Public Health and Epidemiology	3-0
GE 110	Introduction to Philosophy	2-0
GE 205	Civics and Community Engagement	2-0
MB 200	Basic Medical Microbiology	2-1
GE 109	Ideology and Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran - I (for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan - I (for Non-Muslims)	1-0

4th Semester		
Course Code	Course Title	Cr. Hrs.18
AHS 214	General Pharmacology	2-1
ENG 116	Expository Writing	3-0
AHS 217	Healthcare Systems & Policies	2-0
AHS 213	Healthcare Marketing & Management	2-0
AHS 219	Introduction to Nursing Practice	2-1
GE 307	Entrepreneurship	2-0
GH 103	Pakistan Studies	2-0
QT 300	Understanding of Holy Quran - II (for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan - II (for Non-Muslims)	1-0

5th Semester		
Course Code	Course Title	Cr. Hrs. 18
CPT 300	Cardiopulmonary Anatomy & Physiology	2-1
CPT 302	Perfusion Technology	2-1
CPT 304	Echocardiography	1-1
CPT 306	Perfusion Safety & Quality Assurance	2-0
CPT 308	Ventricular Assistant Devices	1-1
CPT 310	Principles of Perfusion	3-0
CPT 312	Supervised Clinical Practice-I	3-0

6th Semester		
Course Code	Course Title	Cr. Hrs. 16
CPT 320	Extra Corporeal Membrane Oxygenation (ECMO)	1-1
CPT 322	Pharmacology Related to Perfusion	2-1
CPT 324	Perfusion Equipments	1-1
CPT 326	Electrocardiography	1-1
CPT 328	Critical Care	1-1
CPT 330	Pulmonary Diseases	2-0
CPT 333	Supervised Clinical Practice-II	3-0

Summer Semester		
Course Code	Course Title	Cr. Hrs. 03
SI 450	Supervised Internship	0-3

7th Semester		
Course Code	Course Title	Cr. Hrs. 16
AI 323	Artificial Intelligence in Health Care	3-0
CPT 401	Diseases of Heart	2-0
CPT 403	Cardiac Surgery	1-1
RES 312	Scientific Writing & Research Methods	3-0
SR 325	General Surgery	2-1
CPT 405	Supervised Clinical Practice-III	3-0

8th Semester		
Course Code	Course Title	Cr. Hrs. 18
CPT 410	Perfusion Pathophysiology	3-0
CPT 412	Advanced Perfusion Techniques	1-1
CPT 414	Pediatric & Neonatal Perfusion	1-1
CPT 416	Preventive Cardiology	1-1
HT 322	Blood Disorder	2-1
CPT 419	Supervised Clinical Practice-IV	3-0
RES 485	Capstone Project	0-3



Bachelor of Science in Computer Science

Program Details	(4 Years)	(2.5 Years)
Program Code	001	237
Number of Courses	43 (Theory / Lab) + FYP + Field Exp.	23 (Theory / Lab) + FYP + Field Exp.
Credit Hours	130	75
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years
Minimum CGPA To Earn Degree	2.00	2.00

Eligibility Criteria:

4 Years: Intermediate (Pre-Engineering/ Computer Science/* Pre-Medical) with at least 50% Marks or A-Levels with equivalent certificate from IBCC Islamabad or an equivalent certificate from a recognized institution.

*Pre-Medical students must pass deficiency course of Mathematics of 6 Credit Hours within the first year of their regular studies.

2.5 Years: Candidates having Associate Degree in Computing / Computer Science with at least 2.00 CGPA on the scale of 4.00 from a recognized institution will join from the Bridge semester. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.

Applicants may also be required to pass an entry or aptitude test and appear in an interview or additional screening.

Program Educational Objectives:

PEO 1 Computing Foundation: Graduates will possess a strong academic foundation and analytical skills to solve complex computing problems, leveraging comprehensive computer science knowledge.

PEO 2 Professional Growth: Graduates will excel in designing and developing innovative computing solutions using modern tools and technologies, while effectively working both independently and as part of diverse teams.

PEO 3 Societal Responsibility: Graduates will demonstrate effective communication skills, uphold ethical standards and professionalism, contribute positively to society, and engage in life-long learning to adapt to evolving technological advancements.

Graduate Attributes:

GA-1: Academic Education: Completion of an accredited program of study designed to prepare graduates as computing professionals.

GA-2: Knowledge for Solving Computing Problems: Apply knowledge of computing fundamentals, specialization, mathematics, science, and domain knowledge to abstraction and conceptualization of computing models.

GA-3: Problem Analysis: Identify and solve complex computing problems reaching substantiated conclusions using principles of mathematics, computing sciences, and relevant domain disciplines.

GA-4: Design/Development of Solutions: Design and evaluate solutions for complex computing problems; design systems, components, or processes that meet specified needs.

GA-5: Modern Tool Usage: Create, select, or adapt and apply appropriate techniques, resources, and modern computing tools to computing activities while understanding their limitations.

GA-6: Individual and Teamwork: Work effectively as an individual, as a team member, or a leader in multidisciplinary settings.

GA-7: Communication: Communicate effectively (oral, written, and graphical) with a variety of audiences.

GA-8: Project & Time Management: Demonstrate project planning, management, and execution within time, resource, and organizational constraints.

GA-9: Ethics: Understand and commit to professional ethics, responsibilities, and norms of computing practice.

GA-10: Life-long Learning: Recognize the need and have the ability to engage in independent learning and continuous professional development.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs. 18
IT 107T	Applications of ICT	2-0
IT 107L	Applications of ICT Lab	0-1
CS 116T	Programming Fundamentals	3-0
CS 116L	Programming Fundamentals Lab	0-1
ENG 100	Functional English	3-0
GS 108T	Applied Physics Physics (3+0)	2-0
GS108L	Applied Physics Lab	0-1
GE 202	Civics & Community Engagement	2-0
GS123/141	Islamic Studies/Values Ethics (For Non-Muslim)	2-0
QT 101	Understanding of Holy Quran-I (Only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (Only for Non-Muslims)	1-0
MA 112	Mathematics I (Mandatory course for Pre-Medical, Non Credit)	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
CS 125T	Object Oriented Programming (Pre Req. CS 116T)	3-0
CS 125L	Object Oriented Programming Lab (Pre Req. CS 116L)	0-1
CS 123T	Digital Logic Design	3-0
CS 123L	Digital Logic Design Lab	0-1
ENG 116	Expository Writing	3-0
GE 201	Ideology & Constitution of Pakistan	2-0
MKT 201	Media Marketing	2-0
MA 145	Discrete Structures (QR)	3-0
MA 113	Mathematics II (Mandatory course for Pre-Medical, Non Credit)	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.18
CS 210T	Data Structures (Pre Req. CS 125T)	3-0
CS 210L	Data Structures Lab (Pre Req. CS 125L)	0-1
MA 209	Elementary Statistics (QR)	3-0
CS 222T	Operating Systems	3-0
CS 222L	Operating Systems Lab	0-1
CS 225T	Database Systems	3-0
CS 225L	Database Systems Lab	0-1
CS 203T	Computer Networks	2-0
CS 203L	Computer Networks Lab	0-1

4th Semester

Course Code	Course Title	Cr. Hrs.16
MA 101	Calculus & Analytical Geometry	3-0
AI 210T	Artificial Intelligence	2-0
AI 210L	Artificial Intelligence Lab	0-1
SE 201	Software Engineering	3-0
CS 346T	Information Security	2-0
CS 346L	Information Security Lab	0-1
GS 128	Pakistan Studies	2-0
MGT 210	Entrepreneurship	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.15
CS 340	Theory of Automata	3-0
CS 320T	Computer Organization & Architecture	2-0
CS 320L	Computer Organization & Architecture Lab	0-1
MA 235	Linear Algebra	3-0
	Elective I (Domain Elective)	3-0
	Elective II (Domain Elective)	3-0

6th Semester

Course Code	Course Title	Cr. Hrs.15
CS 341	Cloud Computing	3-0
CS 241	Design and Analysis of Algorithms	3-0
IT 330	Financial Technology	3-0
	Elective III (Domain Elective)	3-0
	Elective IV (Domain Elective)	3-0

Summer Semester

Course Code	Course Title	Cr. Hrs.03
RES350	Field Experience*	0-3

* Students may complete their internship at any time during the 4-year degree. However, it is recommended to do it after the 2nd year (i.e., after completing 4 semesters).

7th Semester

Course Code	Course Title	Cr. Hrs.15
RES 440	Technical & Research Report Writing	3-0
	Elective V (Domain Elective)	3-0
	Elective VI (Domain Elective)	3-0
RES 491	FYP Phase I	0-3
QT 300	Understanding of Holy Quran-II (Only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (Only for Non-Muslims)	1-0
GE 319	Professional Practices	2-0

8th Semester

Course Code	Course Title	Cr. Hrs.12
	Elective VII (Domain Elective)	3-0
	Elective VIII (Domain Elective)	3-0
PC 400	Professional Certification	3-0
RES 492	FYP Phase II	0-3

Bridge Semester / Deficiency Courses:

As per NCEAC requirements, students admitted to the 5th semester on the basis of an Associate Degree in Computing / Computer Science shall be required to complete a mandatory Bridge Semester comprising 15 to 18 Credit Hours. The courses include in the Bridge Semester shall be determined by the University Departmental Equivalence Committee / Admission Committee on a case-to-case basis, in light of each applicant's previous qualifications and course work, and may vary from student to student.

Specializations Offered

Department is offering specializations in the following domains of Computer Science. Enrollments will be allowed provided a reasonable number of applicants show interest. Complete lists of electives can be seen and downloaded from the university website.

Software Engineering	Data Science
Artificial Intelligence	Cyber Security
Computer Engineering	Information Technology
Multimedia and Animation	Computer Games Development
Human Computer Interaction	Robotics
Network Infrastructure & Cloud Computing	Internet of Things (IoT)
Health Informatics	Quantum Computing



Bachelor of Science in Software Engineering

Program Details:

Program Code	002
Number of Courses	45 Theory + 20 Lab + FYP
Credit Hours	137
Minimum Duration	8 Semesters, 4 Years
Maximum Duration	12 Semesters, 6 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility Criteria:

Intermediate (Pre-Engineering/ Computer Science/* Pre-Medical) with at least 50% Marks or A-Levels with equivalent certificate from IBCC Islamabad or an equivalent certificate from a recognized institution.

**Pre-Medical students must pass deficiency course of Mathematics of 6 Credit Hours with in the first year of their regular studies.*

Depending on university policy, applicants may also be required to pass an entry or aptitude test and appear in an interview or additional screening if required.

Program Educational Objectives:

PEO 1 Computing Foundation: Graduates will possess a strong foundation in software engineering principles, analytical skills, and problem-solving for software systems.

PEO 2 Professional Growth: Graduates will design, develop, and deliver secure, scalable, and innovative software products and solutions across computing-driven domains, working effectively individually and in teams.

PEO 3 Societal Responsibility: Graduates will maintain professional ethics, communicate effectively, and engage in lifelong learning while contributing responsibly to industry and society.

Graduate Attributes:

GA-1: Academic Education: Completion of an accredited program of study designed to prepare graduates as computing professionals.

GA-2: Knowledge for Solving Computing Problems: Apply knowledge of computing fundamentals, specialization, mathematics, science, and domain knowledge to abstraction and conceptualization of computing models.

GA-3: Problem Analysis: Identify and solve complex computing problems reaching substantiated conclusions using principles of mathematics, computing sciences, and relevant domain disciplines.

GA-4: Design/Development of Solutions: Design and evaluate solutions for complex computing problems; design systems, components, or processes that meet specified needs.

GA-5: Modern Tool Usage: Create, select, or adapt and apply appropriate techniques, resources, and modern computing tools to computing activities while understanding their limitations.

GA-6: Individual and Teamwork: Work effectively as an individual, as a team member, or a leader in multidisciplinary settings.

GA-7: Communication: Communicate effectively (oral, written, and graphical) with a variety of audiences.

GA-8: Project & Time Management: Demonstrate project planning, management, and execution within time, resource, and organizational constraints.

GA-9: Ethics: Understand and commit to professional ethics, responsibilities, and norms of computing practice.

GA-10: Life-long Learning: Recognize the need and have the ability to engage in independent learning and continuous professional development.

Scheme of Studies

1st Semester		
Course Code	Course Title	Cr. Hrs.17
IT 107T	Applications of ICT	2-0
IT 107L	Applications of ICT Lab	0-1
CS 116T	Programming Fundamentals	3-0
CS 116L	Programming Fundamentals Lab	0-1
ENG 100	Functional English	3-0
GE 202	Civics & Community Engagement	2-0
GS 123/141	Islamic Studies/Values Ethics (For Non-Muslim)	2-0
MA 145	Discrete Structures (QR)	3-0

2nd Semester		
Course Code	Course Title	Cr. Hrs.18
CS 125T	Object Oriented Programming (Pre Req. CS 116T)	3-0
CS 125L	Object Oriented Programming Lab (Pre Req. CS 116L)	0-1
GS 108T	Applied Physics	2-0
GS 108L	Applied Physics Lab	0-1
CS 124T	Digital Logic Design	2-0
CS 124L	Digital Logic Design Lab	0-1
MA 313	Probability & Statistics	3-0
ENG 116	Expository Writing (Pre Req. ENG 100)	3-0
GE 201	Ideology & Constitution of Pakistan	2-0

3rd Semester		
Course Code	Course Title	Cr. Hrs.18
CS 210T	Data Structures (Pre Req. CS 125T)	3-0
CS 210L	Data Structures Lab (Pre Req. CS 125L)	0-1
MA 101	Calculus & Analytical Geometry (QR)	3-0
CS 224T	Operating Systems	2-0
CS 224L	Operating Systems Lab	0-1
CS 225T	Database Systems	3-0
CS 225L	Database Systems Lab	0-1
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0
SE 201	Software Engineering	3-0

4th Semester		
Course Code	Course Title	Cr. Hrs.18
CS 203T	Computer Networks	2-0
CS 203L	Computer Networks Lab	0-1
	Elective I (Domain Elective)	3-0
MA 105	Multivariable Calculus (Pre Req. MA 101)	3-0
AI 210T	Artificial Intelligence	2-0
AI 210L	Artificial Intelligence Lab	0-1
	Social Science Elective I	3-0
SE 225T	Software Construction and Development	2-0
SE 225L	Software Construction and Development Lab	0-1

5th Semester		
Course Code	Course Title	Cr. Hrs.17
	Elective II (Domain Elective)	3-0
CS 346T	Information Security	2-0
CS 346L	Information Security Lab	0-1
CS 204T	Computer Organization & Assembly Language (Pre Req. CS 124T)	2-0
CS 204L	Computer Organization & Assembly Language Lab (Pre Req. CS 124L)	0-1
SE 227T	Software Requirement Engineering	2-0
SE 227L	Software Requirement Engineering Lab	0-1
	Social Science Elective II	2-0
MA 235	Linear Algebra (Pre Req. MA 101)	3-0

6th Semester		
Course Code	Course Title	Cr. Hrs.15
	Elective III (Domain Elective)	3-0
CS 320	Analysis of Algorithms (Pre Req. CS 210T)	3-0
	Elective IV (Domain Elective)	3-0
SE 414	Software Design & Architecture	3-0
SE 323T	Software Quality Engineering	2-0
SE 323L	Software Quality Engineering Lab	0-1

Summer Semester		
Course Code	Course Title	Cr. Hrs.03
RES 350	Field Experience*	0-3
* Students may complete their internship at any time during the 4-year degree. However, it is recommended to do it after the 2nd year (i.e., after completing 4 semesters).		

Bachelor of Science in Software Engineering

7th Semester		
Course Code	Course Title	Cr. Hrs.17
ENG 440	Technical & Business Writing (Pre Req. ENG 116)	3-0
	Elective V (Domain Elective)	3-0
GS 128	Pakistan Studies	2-0
RES 491	Project Phase I	0-3
SE 468T	Software Project Management	2-0
SE 468L	Software Project Management Lab	0-1
CS 423T	Parallel and Distributed Computing	2-0
CS 423L	Parallel and Distributed Computing Lab	0-1

8th Semester		
Course Code	Course Title	Cr. Hrs.14
GE 319	Professional Practices	2-0
MGT 210	Entrepreneurship	2-0
	Elective VI (Domain Elective)	3-0
	Elective VII (Domain Elective)	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non Muslims)	1-0
RES 492	Project Phase II	0-3

The facility for teaching of any of the elective course will be arranged only if reasonable number of students opt for.

Specialization with List of Electives

Full Stack Developer		
Course Code	Course Title	Cr. Hrs.
IT 240	User Interface Designing	2-1
CS 450	Server-Side Scripting	2-1
IT 477	DevOps Tools	2-1
CS 406	Web Engineering	2-1
IT 275	Web Programming	2-1
CS 333	Visual Programming	2-1
CS 455	Mobile Application Development	2-1
CS 334	Multimedia Design & Development	2-1
CS 421	Semantic Web	2-1
CS 403	Systems Programming	2-1

Systems Engineering		
Course Code	Course Title	Cr. Hrs.
SE 312	Formal Methods in SE	3-0
SE 470	Agile Software Development	3-0
SE 450	Software Metrics & Testing	3-0
SE 412	Design Patterns	3-0
SE 472	Automated Software Testing	2-1
SE 512	Software Re Engineering	3-0
SE 370	Applied Software Engineering	2-1
CS 304	Business Process Analysis	3-0
IE 332	Modeling & Simulation	2-1
SE 452	Object Oriented Software Engineering	2-1

Social Science Electives		
Course Code	Course Title	Cr. Hrs.
MKT 227	Principles of Marketing	3-0
MGT 316	E- Governance	3-0
MGT 107	Principles of Management	2-0
SS 301	Logic and Critical Thinking	3-0
MKT 201	Media Marketing	2-0
GS 305/321	Foreign Language (Chinese/Arabic)	3-0
FIN 208	Financial Literacy	2-0



Associate Degree in Business Administration

Program Details:

Program Code	083
Number of Courses	26
Credit Hours	69
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	8 Semesters, 4 Years
Minimum CGPA Required To Earn Degree	2.00

Program Outcomes:

On the completion of the degree, the students would be expected to have:

- ◆ The potential to start professional career;
- ◆ The required skills to identify and analyze business problems and opportunities and recommend courses of action in the subject context;
- ◆ The potential to communicate effectively and professionally;
- ◆ The required awareness of economic, environmental, political, ethical, legal and regulatory business contexts;
- ◆ Learnt how to behave professionally, effectively and respectfully with all the stakeholders; and
- ◆ The potential to apply administrative concepts and methods to address office issues and organizational performance problems.

Eligibility Criteria:

Intermediate (I. Com, DBA, D. Com, FA, F.Sc.) with at-least 50% Marks or A-Level with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.

Candidates will be required to pass an entry test / an interview conducted by the university.

Program Objectives:

This program aims at producing students who are capable and could demonstrate understanding of work as per market need and could adapt quickly to the expectations of employers. To this end the program is set to have the following objectives:

- ◆ To enable the students to have early professional life;
- ◆ To enable the students to identify and analyze business problems and opportunities and recommend courses of action in the subject context;
- ◆ To enable the students to communicate effectively and professionally;
- ◆ To enable the students to exhibit awareness of economic, environmental, political, ethical, legal and regulatory business contexts;
- ◆ To enable the students to behave professionally, effectively and respectfully with all the stakeholders; and
- ◆ To enable them to apply administrative concepts and methods to address office issues and organizational performance.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.18
MA 117	Quantitative Reasoning I (Business Math)	3-0
ENG 101	Functional English (English I)	3-0
IT 107	Applications of ICT	3-0
MGT 107	Principles of Management	3-0
MKT 227	Principles of Marketing	3-0
IT 228	Management Information System	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
MA 120	Quantitative Reasoning II (Business Statistics)	3-0
GH 106	International Relations	3-0
ENG 116	Expository Writing	3-0
GS 309	Everyday Science	2-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0
GS 128	Pakistan Studies	3-0
ACC 121	Principles of Accounting	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.15
GS 321/305	Arabic/Chinese/French Language	2-0
GS 124/141	Islamic Study /Values, Ethics and Society	2-0
MGT 102	Fundamentals of Business	2-0
ACC 211	Financial Accounting	3-0
GS 422	Professional Ethics	3-0
ECO 211	Economics of Pakistan	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
GE 205	Civics & Community Engagements	2-0
GE 201	Ideology and Constitution of Pakistan	2-0
MGT 270	Entrepreneurship	2-0
MGT 323	Business and Corporate Law	3-0
MGT 345	Organizational Behavior	3-0
ENG 314	Effective Business Communication	3-0
MGT 450	Total Quality Management	3-0

Scheme of Studies

Bridge Semester (for BBA 2.5 Years program)

Course Code	Course Title	Cr. Hrs.19
ACC 221	Financial Accounting	3-0
ECO 112	Principles of Economics	3-0
MA 209	Elementary Statistics	3-0
MGT 107	Principles of Management	3-0
MKT 227	Principles of Marketing	3-0
MGT 305	Organizational Behaviour	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0
*Only for students who did not study Understanding of Holy Quran-I or Minority Rights in the Constitution of Pakistan-I/ Equivalent course in BSc/BA/AD Degree Program.		

1st Semester

Course Code	Course Title	Cr. Hrs.18
MA 117	Quantitative Reasoning I (Business Math)	3-0
ENG 101	Functional English (English I)	3-0
IT 107	Applications of ICT	3-0
MGT 107	Principles of Management	3-0
MKT 227	Principles of Marketing	3-0
IT 228	Management Information System	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
MA 120	Quantitative Reasoning II (Business Statistics)	3-0
GH 106	International Relations	3-0
ENG 116	Expository Writing	3-0
GS 309	Everyday Science	2-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0
GS 128	Pakistan Studies	3-0
ACC 121	Principles of Accounting	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.15
GS 321/305	Arabic/Chinese/French Language	2-0
GS 124/141	Islamic Study /Values, Ethics and Society	2-0
MGT 102	Fundamentals of Business	2-0
ACC 211	Financial Accounting	3-0
GS 422	Professional Ethics	3-0
ECO 112	Principles of Economics	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
GE 205	Civics & Community Engagements	2-0
GE 201	Ideology and Constitution of Pakistan	2-0
MGT 270	Entrepreneurship	2-0
MGT 323	Business and Corporate Law	3-0
MGT 345	Organizational Behavior	3-0
ENG 314	Effective Business Communication	3-0
MGT 450	Total Quality Management	3-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
MKT 431	Marketing Management	3-0
FIN 434	Financial Management	3-0
HRM 333	Human Resource Management	3-0
MGT 305	Operations and Production Management	3-0
MGT 451	Corporate Social Responsibility	3-0
AI 310	AI in Business	2-1

6th Semester

Course Code	Course Title	Cr. Hrs.16
MGT 305	Business and Labor Law	3-0
ECO 380	Quantitative Methods in Business	3-0
ECM 401	Freelancing	2-1
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0
	Elective I	3-0
	Elective II	3-0

7th Semester

Course Code	Course Title	Cr. Hrs.15
RES 379	Research Methods in Business	3-0
ECO 361	Managerial Economics	3-0
ECO 211	Economics of Pakistan	3-0
	Elective III	3-0
	Elective IV	3-0

8th Semester

Course Code	Course Title	Cr. Hrs.15
FIN 530	Business Finance	3-0
	Elective V	3-0
	Elective VI	3-0
RES 485	Capstone Project	0-3
RES 350	Field Experience	3-0

Specialization with List of Electives

Human Resource Management

Course Code	Course Title	Cr. Hrs.
HR 418	Organizational Development	3-0
HR 311	Human Resource Development	3-0
HR 403	Compensation Management	3-0
HR 412	Labour Relations Management	3-0
HR 440	Training & Development	3-0
HR 448	Motivation	3-0
HR 420	Performance Appraisal	3-0
HR 356	Leadership and Team Management	3-0

Tourism & Hotel Management

Course Code	Course Title	Cr. Hrs.
THM 403	Global Tourism & Hospitality	3-0
THM 405	Tourism and Hospitality Laws	3-0
THM 407	Room Division Operations	3-0
THM 409	Food & Beverage Operations	3-0
THM 411	Event Management	3-0
THM 413	Tourism Management	3-0
THM 415	Travel Business	3-0
THM 417	Tour Management	3-0
THM 419	Tourism Marketing	3-0

Business Analytics

Course Code	Course Title	Cr. Hrs.
BA 401	Data Science for Business	2-1
BA 207	Fundamentals of Business Intelligence	3-0
BA 410	Data Structure and Business Applications	2-1
BA 415	Business Data and Text Mining	2-1
BA 301	Database Systems for Business	2-1
BA 405	Ethics in Business Analytics	3-0
BA 305	Machine Learning for Business Analytics	2-1
BA 412	Big Data Technologies	2-1

Banking & Finance

Course Code	Course Title	Cr. Hrs.
FIN 461	Analysis of Capital Markets	3-0
FIN 425	Islamic Modes of Financing	3-0
FIN 330	Analysis of Financial Statements	3-0
FIN 444	Portfolio Management	3-0
FIN 335	International Banking	3-0
FIN 357	Banking Law and Practice	3-0
FIN 470	Fraud Prevention Management	3-0
FIN 475	Tax Policy and Practices in Pakistan	3-0
FIN 451	Project Appraisal	3-0

Marketing

Course Code	Course Title	Cr. Hrs.
MKT 363	Advertising Management	3-0
MKT 411	Industrial Marketing	3-0
MKT 427	Marketing of Services	3-0
MKT 358	Small Business Management	3-0
MKT 360	Strategic Marketing	3-0
MKT 440	Personal Selling	3-0
MKT 451	Export Marketing	3-0
MKT 452	International Marketing	3-0
MKT 455	Marketing Research	3-0
MKT 465	International Trade	3-0

Supply Chain Management

Course Code	Course Title	Cr. Hrs.
MGT 413	Project Management	3-0
MGT 434	Purchasing and Supply Chain Management	3-0
MGT 436	Warehousing and Distribution Management	3-0
MGT 438	Logistics Planning & Management	3-0
MGT 432	Inventory Management & Control	3-0
MGT 430	Crisis and Conflict Management	3-0

The facility for teaching of any of the elective course will be arranged only if reasonable number of students opt for.



Associate Degree in Commerce

Program Details:

Program Code	184
Number of Courses	26
Credit Hours	69
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	8 Semesters, 4 Years
Minimum CGPA Required To Earn Degree	2.00

Program Outcomes:

On the completion of the degree, the students would be expected to have:

- ◆ The potential to start professional career;
- ◆ The required skills to identify and analyze business problems and opportunities and recommend courses of action in the subject context;
- ◆ The potential to communicate effectively and professionally;
- ◆ The required awareness of economic, environmental, political, ethical, legal and regulatory business contexts;
- ◆ Learnt how to behave professionally, effectively and respectfully with all the stakeholders; and
- ◆ Have acquired the potentials to apply theory in their professional career.

Eligibility Criteria:

Intermediate (I. Com, DBA, D. Com, FA, F.Sc.) with at-least 45% Marks or A-Level with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply. Candidates will be required to pass an entry test / an interview conducted by the university.

Program Objectives:

This program aims at producing students who are capable and could demonstrate understanding of work as per market need and could adapt quickly to the expectations of employers. To this end the program is set to have the following objectives:

- ◆ To enable the students to have early professional life;
- ◆ To enable the students to identify and analyze business problems and opportunities and recommend courses of action in the subject context;
- ◆ To enable the students to communicate effectively and professionally;
- ◆ To enable the student to exhibit awareness of economic, environmental, political, ethical, legal and regulatory business contexts;
- ◆ To enable the students to behave professionally, effectively and respectfully with all the stakeholders; and
- ◆ Apply accounting concepts and methods to interpret financial statements for evaluating the financial position and performance of organizations.

Scheme of Studies

1st Semester		
Course Code	Course Title	Cr. Hrs.18
MA 117	Quantitative Reasoning I (Business Math)	3-0
ENG 101	Functional English	3-0
IT 107	Applications of ICT	3-0
ACC 121	Principles of Accounting	3-0
FIN 101	Introduction to Commerce	3-0
ECO 112	Principles of Economics	3-0

2nd Semester		
Course Code	Course Title	Cr. Hrs.18
MA 120	Quantitative Reasoning II (Business Statistics)	3-0
GH 106	International Relations	3-0
ENG 116	Expository Writing	3-0
GS 309	Everyday Science	2-0
ACC 211	Financial Accounting	3-0
MGT 107	Principles of Management	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

3rd Semester		
Course Code	Course Title	Cr. Hrs.18
GS 321/305	Arabic/Chinese/French Language	2-0
GS 124/141	Islamic Study / Values, Ethics and Society	2-0
GS 128	Pakistan Studies	2-0
ACC 223	Auditing-I	3-0
MKT 227	Principles of Marketing	3-0
AI 310	AI in Business	3-0
IT 350	E-Commerce	3-0

4th Semester		
Course Code	Course Title	Cr. Hrs.15
GE 202	Civics & Community Engagements	2-0
GE 201	Ideology and Constitution of Pakistan	2-0
MGT 270	Entrepreneurship	2-0
FIN 202	Financial Reporting	3-0
FIN 530	Business Finance	3-0
MGT 305	Production and Operations Management	3-0



Bachelor of Science in Commerce

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	185	215	214
Number of Courses	47 + Field Experience + Capstone Project	28 + Field Experience + Capstone Project	21 + Field Experience + Capstone Project
Credit Hours	136	86	66
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- 4 Years:** Intermediate (I. Com, DBA, D. Com, FA, F.Sc) with at-least 45% Marks or A-Level (22 Points) with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.
- 2.5 Years:** Students who have 14 years (BA/BSc./B.Com-from annual system or AD non-commerce education with at least 45% marks or 2.00 CGPA on the scale of 4.00 from a recognized institution are eligible to apply. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.
- 2 Years:** Candidates who have secured Associate Degree (semester system) in Commerce with at least 45% marks or 2.00 CGPA on the scale of 4.00 from a recognized institution are eligible to apply. The scheme from 5th till 8th Semester will be followed.

Candidates will be required to pass an entry test / an interview conducted by the university.

Program Outcomes:

On the completion of the degree, the passed-out graduates would be expected to have:

- ◆ Acquired the core business knowledge and skills have the potential to apply in practice.
- ◆ Acquired a general understanding of the concepts, principles, theories and arguments of selected areas of study outside the core disciplines of economics and business.
- ◆ The required skills to communicate effectively so as to address the needs of the convey business.
- ◆ The potential to work effectively, respectfully, ethically and professionally in the challenge market.
- ◆ Got developed skills to solve problems through team building skills and to facilitate collaborative behaviors to achieve group and organizational goals and objectives.
- ◆ Acquired the critical potential of making basic investment and financing decisions for a business using financial management concepts, and methods.

Program Objectives:

This program aims to prepare professionals having the required knowledge and technical skills necessary to understand and participate in the modern business world. To this end the program is set to have the following objectives:

- ◆ To enable the students to have the core business knowledge and skills and their applications.
- ◆ To enable them to have a general understanding of the concepts, principles, theories and arguments of selected areas of study outside the core disciplines of economics and business.
- ◆ To have good communication skills so as to convey business messages effectively.
- ◆ Work effectively, respectfully, ethically and professionally in the challenge market.
- ◆ To enable them to be effective problem solvers by employing team building skills to facilitate collaborative behaviors to achieve group and organizational goals and objectives.
- ◆ Be capable of making basic investment and financing decisions for a business using financial management concepts, and methods.

Scheme of Studies

Bridge Semester (for BS 2.5 Years program)

Course Code	Course Title	Cr. Hrs.19
MA 127	Business Mathematics	3-0
ACC 221	Financial Accounting	3-0
ECO 112	Principles of Economics	3-0
ACC 223	Auditing I	3-0
MA 209	Elementary Statistics	3-0
MGT 107	Principles of Management	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0
*Only for students who did not study Understanding of Holy Quran-I or Minority Rights in the Constitution of Pakistan-I/ Equivalent course in BSc/BA/AD Degree Program.		

1st Semester

Course Code	Course Title	Cr. Hrs.18
MA 117	Quantitative Reasoning I (Business Math)	3-0
ENG 101	Functional English	3-0
IT 107	Applications of ICT	3-0
ACC 121	Principles of Accounting	3-0
FIN 101	Introduction to Commerce	3-0
ECO 112	Principles of Economics	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
MA 120	Quantitative Reasoning II (Business Statistics)	3-0
GH 106	International Relations	3-0
ENG 116	Expository Writing	3-0
GS 309	Everyday Science	2-0
ACC 211	Financial Accounting	3-0
MGT 107	Principles of Management	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

3rd Semester

Course Code	Course Title	Cr. Hrs.18
GS 321/305	Arabic/Chinese/French Language	2-0
GS 124/141	Islamic Study / Values, Ethics and Society	2-0
GS 128	Pakistan Studies	2-0
ACC 223	Auditing-I	3-0
MKT 227	Principles of Marketing	3-0
AI 310	AI in Business	3-0
IT 350	E-Commerce	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.15
GE 202	Civics & Community Engagements	2-0
GE 201	Ideology and Constitution of Pakistan	2-0
MGT 270	Entrepreneurship	2-0
FIN 202	Financial Reporting	3-0
FIN 530	Business Finance	3-0
MGT 305	Production and Operations Management	3-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
ACC 301	Management Accounting	3-0
PSY 201	Human Psychology	3-0
MGT 323	Business and Corporate Law	3-0
FIN 330	Analysis of Financial Statements	3-0
MGT 451	Project Management	3-0
	Elective I	3-0

6th Semester

Course Code	Course Title	Cr. Hrs.18
FIN 434	Financial Management	3-0
FIN 472	Business Taxation	3-0
ECM 401	Freelancing	2-1
MGT 305	Corporate Social Responsibility	3-0
	Elective II	3-0
	Elective III	3-0

7th Semester

Course Code	Course Title	Cr. Hrs.16
MGT 423	Performance Management	3-0
IT 403	Business Technology	3-0
RES 379	Research Methods in Business	3-0
	Elective IV	3-0
	Elective V	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0

8th Semester

Course Code	Course Title	Cr. Hrs.15
ACC 403	Audit and Assurance	3-0
	Elective VI	3-0
	Elective VII	3-0
RES 480	Capstone Project	3-0
RES 350	Field Experience	3-0

Specialization with List of Electives

Accounting and Finance

Course Code	Course Title	Cr. Hrs.
IT 479	Accounting Information System	3-0
FIN 400	Behavioral Finance	3-0
FIN 550	Corporate Finance	3-0
FIN 332	Financial Institution and Markets	3-0
FIN 461	Analysis of Capital Markets	3-0
FIN 330	Analysis of Financial Statement	3-0
ACC 403	Advance Auditing and Assurance	3-0
ACC 405	Advance Financial Accounting	3-0
ACC 407	Advance Financial Planning and Analysis	3-0
ACC 409	Advance Financial Reporting	3-0
ACC 411	Advance Management Accounting	3-0
ACC 413	Forensic Accounting	3-0

Islamic Banking and Finance

Course Code	Course Title	Cr. Hrs.
FIN 401	AAIOFI Sharia Accounting & Audit Standards	3-0
FIN 403	AAIOFI Sharia Standards	3-0
FIN 407	Emerging Issues in Islamic Financial Institutions	3-0
FIN 409	Islamic Capital Market	3-0
ECO 438	Islamic economic System	3-0
ACC 415	Accounting and Reporting for Islamic Financial Institutions	3-0
FIN 413	Sharia Governance and Regulations	3-0
FIN 415	Usul-Al-Fiqh	3-0
FIN 416	Law of Contract in Islam	3-0

Accounting, Auditing and Assurance

Course Code	Course Title	Cr. Hrs.
ACC 403	Advance Auditing and Assurance	3-0
ACC 405	Advance Financial Accounting	3-0
ACC 407	Advance Financial Planning and Analysis	3-0
ACC 409	Advance Financial Reporting	3-0
ACC 411	Advance Management Accounting	3-0
IT 479	Accounting Information System	3-0
ACC 417	Accounting for Mergers and Acquisition	3-0
ACC 413	Forensic Accounting	3-0
ACC 419	International Auditing Standards	3-0
ACC 421	Forensic Audit	3-0

E-Commerce

Course Code	Course Title	Cr. Hrs.
ECM 403	Big data and Analytics for E-Commerce	2-1
ECM 405	Cybersecurity in Digital Commerce	2-1
ECM 407	Digital Payment and Transaction System	2-1
ECM 413	E-Commerce Business Models and Monetization	2-1
ECM 415	Emerging Issues in E-Commerce	2-1
ECM 417	E-Procurement and Regulations	2-1
ECM 419	Digital Product Management and Strategy	2-1
ECM 421	SEO and SEM strategies for E-Commerce	2-1
ECM 423	Online Consumer Behavior and Psychology	2-1

The facility for teaching of any of the elective course will be arranged only if reasonable number of students opt for.



Associate Degree in Education

Program Details:

Program Code	093
Number of Courses	24 + Teaching Practice
Credit Hours	69
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	10 Semesters, 5 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility Criteria:

Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.

Candidates need to pass an entry test or an aptitude interview conducted by the University.

Program Outcomes:

- ◆ To master the contemporary pedagogies of the level desired.
- ◆ To practice the communication skills and critical thinking in classroom situation
- ◆ To use the ability gained for future oriented teacher education programs
- ◆ To enhance focus over quality education at school level.

Program Objectives:

To equip prospective teachers with adequate knowledge of subject matter, contemporary pedagogies, communication skills, critical thinking and dispositions to be an elementary school teacher.

To offer students a teacher education program that allows them to move through a four year B.Ed, by completing part of the degree (ADE) and completing the remaining two years of the program immediately or by completing the additional year (s) at a later date.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.17
GS 123/141	Islamic Studies / Value, Ethics & Society (for Non-Muslims)	2-0
GE 112	Introduction to Philosophy	3-0
ENG 101	Functional Communication (English-I)	3-0
EDU 101	Child Development	3-0
EDU 110	Guidance and Counseling	3-0
EDU 206	Classroom Management	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GS 101	Ecosystem	3-0
GS 128	Pakistan Studies	2-0
MA 100	Mathematics-I (Pre-Calculus)	3-0
EDU 105	Foundations of Education	3-0
EDU 202	Development of Education in Pakistan	3-0
EDU 234	School Community & Teacher	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.17
GE 202	Civics and Community Engagement	2-0
IT 107	Applications of Information & Communication Technologies (ICT)	2-1
MA 210	Introduction to Statistics	3-0
EDU 107	General Methods of Teaching	3-0
EDU 307	Curriculum Development & Implementation	3-0
EDU 325	Teacher Education in Pakistan	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
EDU 291	Teaching Practice	0-3
EDU 303	Educational Measurement and Evaluation	3-0
GE 201	Ideology & Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0



Bachelor of Studies in Education

Program Details:

Program Code	187
Number of Courses	45 + Teaching Practice + Capstone Project
Credit Hours	136
Minimum Duration	8 Semesters, 4 Years
Maximum Duration	16 Semesters, 8 Years
Minimum CGPA Required To Earn Degree	2.00

Program Objectives:

The Bachelor of Studies in Education Program has been crafted to equip the prospective teachers with the basic knowledge and skills of the field of education. The program also equips the students with the content knowledge of the selected disciplines in three streams including:

1. Biological Sciences
2. Languages
3. Physical Sciences

Eligibility Criteria:

Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.

Candidates need to pass an entry test or an aptitude interview conducted by the University.

Program Outcomes:

After completion of the program, the prospective teachers will be able to:

- ◆ Gain an insight of the basic knowledge of education
- ◆ Internalize the conceptual understanding of the selected disciplines
- ◆ Utilize the pedagogic skills in practical teaching
- ◆ Gain and use managerial knowledge in educational administration
- ◆ Practice quality research in education.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.17
GS 123/141	Islamic Studies / Value, Ethics & Society (for Non-Muslims)	2-0
GE 112	Introduction to Philosophy	3-0
ENG 101	Functional Communication (English-I)	3-0
EDU 101	Child Development	3-0
EDU 110	Guidance and Counseling	3-0
EDU 206	Classroom Management	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.17
GS 101	Ecosystem	3-0
GS 128	Pakistan Studies	2-0
MA 100	Mathematics-I (Pre-Calculus)	3-0
EDU 105	Foundations of Education	3-0
EDU 202	Development of Education in Pakistan	3-0
EDU 234	School Community & Teacher	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.17
GE 202	Civics and Community Engagement	2-0
IT 107	Applications of Information & Communication Technologies (ICT)	2-1
MA 210	Introduction to Statistics	3-0
EDU 107	General Methods of Teaching	3-0
EDU 307	Curriculum Development & Implementation	3-0
EDU 325	Teacher Education in Pakistan	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
EDU 291	Teaching Practice	0-3
EDU 303	Educational Measurement and Evaluation	3-0
GE 201	Ideology & Constitution of Pakistan	2-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
	Minor-I (Chemistry/Urdu/Maths)	3-0
	Interdisciplinary-I (Biology/English /Physics)	3-0
AI 320	AI in Education	2-1
EDU 404	Citizenship Education and Community Engagement	3-0
EDU 410	Educational Psychology	3-0
EDU 406	Professionalism in Teaching	3-0

6th Semester

Course Code	Course Title	Cr. Hrs.16
	Minor-II (Chemistry/Urdu/Maths)	3-0
	Interdisciplinary-II (Biology/English/Physics)	3-0
	Pedagogy (Select from list of Pedagogies)	3-0
EDU 412	Comparative Education	3-0
EDU 426	Teaching Strategies	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0

7th Semester

Course Code	Course Title	Cr. Hrs.18
	Minor-III (Chemistry/Urdu/Maths)	3-0
	Interdisciplinary-III (Biology/English/Physics)	3-0
EDU 309	Educational Research	3-0
EDU 321	Critical Thinking and Reflective Practices	3-0
EDU 322	Secondary Education	3-0
EDU 421	Observational Visits & Portfolio Development	0-3

8th Semester

Course Code	Course Title	Cr. Hrs.15
	Minor-IV (Chemistry/Urdu/Maths)	3-0
	Interdisciplinary-IV (Biology/English /Physics)	3-0
EDU 324	Educational Technology	3-0
EDU 402	Educational Leadership & Management	3-0
RES 485	Capstone Project	0-3

Following three streams of content courses are being offered out of which only one stream will be selected by student under Minor and Interdisciplinary courses:

- 1) Biological Sciences
- 2) Physical Sciences
- 3) Languages

Minor/Content Courses

Student will select one category of content courses from the following (as Minor):

1. Chemistry (4 Courses) - For Biological Sciences
2. Urdu (4 Courses) - For Languages
3. Mathematics (4 Courses) - For Physical Sciences

Biological Sciences

Course Code	Course Title	Cr. Hrs.
CH 330	Chemistry-I	2-1
CH 331	Chemistry-II	2-1
CH 430	Chemistry-III	2-1
CH 431	Chemistry-IV	2-1

Physical Sciences

Course Code	Course Title	Cr. Hrs.
MA 331	Complex Variables, Linear Algebra and infinite & Fourier Series (Mathematics)	3-0
MA 332	Differential and Integral Calculus Mathematics	3-0
MA 441	Geometry (Mathematics)	3-0
MA 442	Numerical Methods and Differential Equations (Mathematics)	3-0

Languages

Course Code	Course Title	Cr. Hrs.
URD 342	Tahreer o Insha (Urdu)	3-0
URD 343	Sheri Asnaff (Urdu)	3-0
URD 442	Nasri Asnaff (Urdu)	3-0
URD 443	Adabi Istelahatt (Urdu)	3-0

Interdisciplinary/Content Courses

Student will select one category of content courses from the following (as Interdisciplinary Course):

1. Biology (4 Courses) - For Biological Sciences
2. English (4 Courses) - For Languages
3. Physics (4 Courses) - For Physical Sciences

Biological Sciences

Course Code	Course Title	Cr. Hrs.
BOT 330	Botany-I	2-1
BOT 331	Botany-II	2-1
ZOO 430	Zoology-I	2-1
ZOO 431	Zoology-II	2-1

Physical Sciences

Course Code	Course Title	Cr. Hrs.
PHY 331	Mechanics (Physics)	2-1
PHY 332	Waves and Oscillation (Physics)	2-1
PHY 441	Electricity and Magnetism (Physics)	2-1
PHY 442	Modern Physics (Physics)	2-1

Languages

Course Code	Course Title	Cr. Hrs.
ENG 341	Novel (English)	3-0
ENG 342	Prose-I (English)	3-0
ENG 442	Prose-II (English)	3-0
ENG 441	Poetry (English)	3-0

Pedagogies

Students will select one pedagogy course from the following, with reference to their stream of content courses:

Course Code	Course Title	Cr. Hrs.
EDU 391	Teaching of Biological Sciences	3-0
EDU 392	Teaching of Languages	3-0
EDU 393	Teaching of Physical Sciences	3-0



Bachelor of Studies in Education (2.5 Years) (Post BA or Equivalent Degree)

Program Details:

Program Code	225
Number of Courses	28 + Teaching Practice + Capstone Project
Credit Hours	86
Minimum Duration	5 Semesters, 2.5 Years
Maximum Duration	12 Semesters, 6 Years
Minimum CGPA Required To Earn Degree	2.00

Program Objectives:

The Bachelor of Studies in Education (2.5 years) program will enable the prospective teacher to:

- ◆ Master Learner-centered and activities based teaching.
- ◆ Change the traditional and obsolete type of teaching methodology with innovative instructional approaches.
- ◆ Play active role in enhancement of literacy rate in the country.
- ◆ Compete and contribute meaningfully in the field of education.
- ◆ Address societal problems by thoughts and practices.
- ◆ Practice quality research in education.

Eligibility Criteria:

Candidates having Bachelor's degree (14 years of qualification) or Associate Degree (Non Education) with 2.00 CGPA on the scale of 4.00 in semester system or having BA / BSc (14 years of qualification) with at least 45% marks in Annual System from any recognized university / DAI are eligible to apply.

Program Outcomes:

- ◆ To utilize skills in the field of education, teaching and training.
- ◆ To get the ability to work in groups and different social set ups.
- ◆ To understand and utilize the basic knowledge of educational philosophy, educational psychology, management, curriculum and evaluation, along with researches.
- ◆ To bring into practice the theoretical and conceptual knowledge.
- ◆ To express thoughts and ideas through oral, written and modern means of communication.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.16
EDU 206	Classroom Management	3-0
EDU 110	Guidance and Counseling	3-0
EDU 202	Development of Education in Pakistan	3-0
EDU 234	School Community and Teacher	3-0
EDU 101	Child Development	3-0
QT 101	*Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	*Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

*Only for students who did not study Understanding of Holy Quran-I / Minority Rights in the Constitution of Pakistan-I or Equivalent course in BSc/BA/AD Degree Program.

2nd Semester

Course Code	Course Title	Cr. Hrs.18
EDU 300	Foundation of Education	3-0
EDU 448	Economics of Education	3-0
EDU 307	Curriculum Development and Implementation	3-0
EDU 309	Educational Research	3-0
EDU 312	General Method of Teaching	3-0
EDU 316	Human Development and Learning	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.18
EDU 319	Teaching Practice	0-3
EDU 321	Critical Thinking and Reflective Practices	3-0
EDU 322	Secondary Education	3-0
EDU 325	Teacher Education in Pakistan	3-0
EDU 327	Islamic System of Education	3-0
AI 320	AI in Education	2-1

4th Semester

Course Code	Course Title	Cr. Hrs.18
EDU 421	Observational Visits & Portfolio Development	0-3
EDU 402	Educational Leadership and Management	3-0
EDU 404	Citizenship Education and Community Engagement	3-0
EDU 406	Professionalism in Teaching	3-0
EDU 303	Educational Measurement and Evaluation	3-0
EDU 410	Educational Psychology	3-0

5th Semester

Course Code	Course Title	Cr. Hrs.16
EDU 218	ICT in Education	3-0
ENG 209	Academic Writing	3-0
EDU 412	Comparative Education	3-0
RES 485	Capstone Project	0-3
	Pedagogy (Select from list of Electives)	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0

List of Electives for Pedagogies Courses

Course Code	Course Title	Cr. Hrs.
EDU 391	Teaching of Biological Sciences	3-0
EDU 392	Teaching of Languages	3-0
EDU 393	Teaching of Physical Sciences	3-0



Bachelor of Studies in Education (2 Years) (Content Based)

Program Details:

Program Code	205
Number of Courses	22 + Teaching Practice + Capstone Project
Credit Hours	68
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	10 Semesters, 5 Years
Minimum CGPA Required To Earn Degree	2.00

Program Objectives:

The Bachelor of studies in Education (2 Years) Program has been crafted to equip the prospective teachers with the basic knowledge and skills of the field of Education. The program also equips the students with the content knowledge of the selected disciplines in three streams including:

1. Biological Science
2. Languages
3. Physical Sciences

Eligibility Criteria:

Candidates having Associate Degree in Education with at least 45% marks in Annual System or 2.00 CGPA on the scale of 4.00 in semester system from any recognized university/DAI are eligible to apply.

Program Outcomes:

After completing the program, the prospective teacher will be able to:

- ◆ Gain an insight of the basic knowledge of Education.
- ◆ Internalize the conceptual understanding of the selected disciplines.
- ◆ Utilize the pedagogic skills in practical teaching.
- ◆ Gain and use managerial knowledge in education administration.
- ◆ Practice quality research in education.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.18
	Minor-I (Chemistry/Urdu/Maths)	3-0
	Interdisciplinary-I (Biology/English /Physics)	3-0
AI 320	AI in Education	2-1
EDU 404	Citizenship Education and Community Engagement	3-0
EDU 410	Educational Psychology	3-0
EDU 406	Professionalism in Teaching	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.16
	Minor-II (Chemistry/Urdu/Maths)	3-0
	Interdisciplinary-II (Biology/English/Physics)	3-0
	Pedagogy (Select from list of Pedagogies)	3-0
EDU 412	Comparative Education	3-0
EDU 426	Teaching Strategies	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

3rd Semester

Course Code	Course Title	Cr. Hrs.18
	Minor-III (Chemistry/Urdu/Maths)	3-0
	Interdisciplinary-III (Biology/English/Physics)	3-0
EDU 309	Educational Research	3-0
EDU 321	Critical Thinking and Reflective Practices	3-0
EDU 322	Secondary Education	3-0
EDU 421	Observational Visits & Portfolio Development	0-3

4th Semester

Course Code	Course Title	Cr. Hrs.16
	Minor-IV (Chemistry/Urdu/Maths)	3-0
	Interdisciplinary-IV (Biology/English /Physics)	3-0
EDU 324	Educational Technology	3-0
EDU 402	Educational Leadership & Management	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0
RES 485	Capstone Project	0-3

Following three streams of content courses are being offered out of which only one stream will be selected by student under Minor and Interdisciplinary courses:

- 1) Biological Sciences
- 2) Physical Sciences
- 3) Languages

Minor/Content Courses

Student will select one category of content courses from the following (as Minor):

1. Chemistry (4 Courses) - For Biological Sciences
2. Urdu (4 Courses) - For Languages
3. Mathematics (4 Courses) - For Physical Sciences

Biological Sciences

Course Code	Course Title	Cr. Hrs.
CH 330	Chemistry-I	2-1
CH 331	Chemistry-II	2-1
CH 430	Chemistry-III	2-1
CH 431	Chemistry-IV	2-1

Physical Sciences

Course Code	Course Title	Cr. Hrs.
MA 331	Complex Variables, Linear Algebra and infinite & Fourier Series (Mathematics)	3-0
MA 332	Differential and Integral Calculus (Mathematics)	3-0
MA 441	Geometry (Mathematics)	3-0
MA 442	Numerical Methods and Differential Equations (Mathematics)	3-0

Languages

Course Code	Course Title	Cr. Hrs.
URD 342	Tahreer o Insha (Urdu)	3-0
URD 343	Sheri Asnaff (Urdu)	3-0
URD 442	Nasri Asnaff (Urdu)	3-0
URD 443	Adabi Istelahatt (Urdu)	3-0

Interdisciplinary/Content Courses

Student will select one category of content courses from the following (as Interdisciplinary Course):

1. Biology (4 Courses) - For Biological Sciences
2. English (4 Courses) - For Languages
3. Physics (4 Courses) - For Physical Sciences

Biological Sciences

Course Code	Course Title	Cr. Hrs.
BOT 330	Botany-I	2-1
BOT 331	Botany-II	2-1
ZOO 430	Zoology-I	2-1
ZOO 431	Zoology-II	2-1

Physical Sciences

Course Code	Course Title	Cr. Hrs.
PHY 331	Mechanics (Physics)	2-1
PHY 332	Waves and Oscillation (Physics)	2-1
PHY 441	Electricity and Magnetism (Physics)	2-1
PHY 442	Modern Physics (Physics)	2-1

Languages

Course Code	Course Title	Cr. Hrs.
ENG 341	Novel (English)	3-0
ENG 342	Prose-I (English)	3-0
ENG 442	Prose-II (English)	3-0
ENG 441	Poetry (English)	3-0

Pedagogies

Students will select one pedagogy course from the following, with reference to their Specialization:

Course Code	Course Title	Cr. Hrs.
EDU 391	Teaching of Biological Sciences	3-0
EDU 392	Teaching of Languages	3-0
EDU 393	Teaching of Physical Sciences	3-0



Bachelor of Education 1.5 Years

Program Details:

Program Code	145
Number of Courses	18 + Teaching Practice + Capstone Project
Credit Hours	56
Minimum Duration	3 Semesters, 1.5 Years
Maximum Duration	8 Semesters, 4 Years
Minimum CGPA Required To Earn Degree	2.00

Program Objectives:

Our B.Ed (1.5 years) program will enable the prospective teacher to:

- ◆ Master Learner-centered and activities based teaching.
- ◆ Change the traditional and obsolete type of teaching methodology with innovative instructional approaches.
- ◆ Play active role in enhancement of literacy rate in the country.
- ◆ Compete and contribute meaningfully in the field of education.
- ◆ Address societal problems by thoughts and practices.

Eligibility Criteria:

Candidates with 16 years of education like BSCS/BE/MBBS/ BDS/MBA/MA or an equivalent degree with at least 2.00 CGPA on the scale of 4.00 in semester system, or 45 % marks in annual system in disciplines other than Education are eligible to apply.

Candidates need to pass an entry test or aptitude interview conducted by the university.

Program Outcomes:

- ◆ To utilize skills in the field of education, teaching and teacher training.
- ◆ To get the ability to work in groups and different social set ups.
- ◆ To understand and utilize the basic knowledge of educational philosophy, educational psychology, management, curriculum and evaluation, along with researches.
- ◆ To bring into practice the theoretical and conceptual knowledge.
- ◆ To express thoughts and ideas through oral, written, and modern means of communications.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.19
EDU 300	Foundations of Education	3-0
EDU 307	Curriculum Development and Implementation	3-0
EDU 309	Educational Research	3-0
EDU 312	General Methods of Teaching	3-0
EDU 316	Human Development and Learning	3-0
EDU 448	Economics of Education	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

2nd Semester

Course Code	Course Title	Cr. Hrs.19
EDU 319	Teaching Practice	0-3
EDU 321	Critical Thinking and Reflective Practices	3-0
EDU 320	AI in Education	2-1
EDU 322	Secondary Education	3-0
EDU 325	Teacher Education in Pakistan	3-0
EDU 327	Islamic System of Education	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0

3rd Semester

Course Code	Course Title	Cr. Hrs.18
EDU 421	Observational Visits & Portfolio Development	0-3
EDU 402	Educational Leadership and Management	3-0
EDU 404	Citizenship Education and Community Engagement	3-0
EDU 406	Professionalism in Teaching	3-0
EDU 303	Educational Measurement and Evaluation	3-0
RES 485	Capstone Project	0-3
	OR	
EDU 410	Educational Psychology	3-0



Bachelor of Education 2.5 Years

Program Details:

Program Code	158
Number of Courses	29 + Teaching Practice
Credit Hours	86
Minimum Duration	5 Semesters, 2.5 Years
Maximum Duration	12 Semesters, 6 Years
Minimum CGPA Required To Earn Degree	2.00

Program Objectives:

Our B.Ed (2.5 years) program will enable the prospective teacher to:

- ◆ Master Learner-centered and activities based teaching.
- ◆ Change the traditional and obsolete type of teaching methodology with innovative instructional approaches.
- ◆ Play active role in enhancement of literacy rate in the country.
- ◆ Compete and contribute meaningfully in the field of education.
- ◆ Address societal problems by thoughts and practices.

Eligibility Criteria:

Candidates having Bachelor's degree (14 years of qualification) or Associate Degree (Non Education) with 2.00 CGPA on the scale of 4.00 in semester system or having BA / BSc (14 years of qualification) with at least 45% marks in Annual System from any recognized university / DAU are eligible to apply.

Program Outcomes:

- ◆ To utilize skills in the field of education, teaching and training.
- ◆ To get the ability to work in groups and different social set ups.
- ◆ To understand and utilize the basic knowledge of educational philosophy, educational psychology, management, curriculum and evaluation, along with researches.
- ◆ To bring into practice the theoretical and conceptual knowledge.
- ◆ To express thoughts and ideas through oral, written, and modern means of communications.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.16
EDU 206	Classroom Management	3-0
EDU 110	Guidance and Counseling	3-0
EDU 202	Development of Education in Pakistan	3-0
EDU 234	School Community and Teacher	3-0
EDU 101	Child Development	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

*Only for students who did not study Understanding of Holy Quran-I / Minority Rights in the Constitution of Pakistan-I or Equivalent course in BSc/BA/AD Degree Program.

2nd Semester

Course Code	Course Title	Cr. Hrs.18
EDU 300	Foundations of Education	3-0
EDU 307	Curriculum Development & Implementation	3-0
EDU 309	Educational Research	3-0
EDU 312	General Method of Teaching	3-0
EDU 316	Human Development and Learning	3-0
EDU 448	Economics of Education	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.18
EDU 319	Teaching Practice	0-3
EDU 321	Critical Thinking and Reflective Practices	3-0
EDU 322	Secondary Education	3-0
EDU 325	Teacher Education in Pakistan	3-0
EDU 327	Islamic System of Education	3-0
AI 320	AI in Education	2-1

4th Semester

Course Code	Course Title	Cr. Hrs.18
EDU 421	Observational Visits & Portfolio Development	0-3
EDU 402	Educational Leadership and Management	3-0
EDU 404	Citizenship Education and Community Engagement	3-0
EDU 406	Professionalism in Teaching	3-0
EDU 303	Educational Measurement and Evaluation	3-0
EDU 410	Educational Psychology	3-0

5th Semester

Course Code	Course Title	Cr. Hrs.16
EDU 218	ICT in Education	3-0
ENG 209	Academic Writing	3-0
EDU 412	Comparative Education	3-0
RES 485	Capstone Project	0-3
EDU 426	Teaching Strategies (In lieu of RES 485)	3-0
	Pedagogy (Select from list of Pedagogies)	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0

List of Electives for Pedagogies Courses

Course Code	Course Title	Cr. Hrs.
EDU 391	Teaching of Biological Sciences	3-0
EDU 392	Teaching of Languages	3-0
EDU 393	Teaching of Physical Sciences	3-0



Diploma in Drawing Master

Program Details:

Program Code	068
Number of Courses	10 + Teaching Practice
Total Marks	1200
Minimum Duration	2 Semesters, 1 Year
Maximum Duration	6 Semesters, 3 Years
Minimum Marks Required To Earn Diploma	45%

Eligibility Criteria:

Admission to Diploma in Drawing Master shall be open to candidates who have passed intermediate examination from a recognized board of intermediate and secondary education in Pakistan or any other equivalent examination with at least 45% at course in SSC/HSSC.

Program Objectives:

The Program is designed to:

- ◆ Equip the drawing teachers with a high level of professional skills
- ◆ Help teachers to add an artistic taste of elementary school children to their role as drawing masters
- ◆ Improve teacher's performance in classrooms by adopting instructional methods relevant to local situation of both urban and rural areas in arts and drawing
- ◆ Provide opportunities to develop skills of curriculum planning, evaluation, creativity, and problem solving contemporary issues
- ◆ Offer learning opportunities to potential drawing teachers, so that, after one-year, they are able to work with Middle and Secondary school students

Program Outcomes:

Upon successful completion of this course, students should be able to:

- ◆ Understand the visualization process of translating three-dimensional space and form onto a two-dimensional format, develop competence in using dry media techniques and demonstrate a sense of craftsmanship in the end product. (drawing)
- ◆ Identify the three components of art, understand the vocabulary of art, the vocabulary of two-dimensional design and utilize design strategies and techniques to produce a product that demonstrates craftsmanship and presentation. (design)
- ◆ Discover the creative process and how it can be applied to everyday life, develop technical skill in various media and explore the world of aesthetics (personal enrichment).

Scheme of Studies

1st Semester

Course Code	Course Title	Marks: 600
SDM 176	Technical, Geometrical & Scale Drawing	100
SDM 177	History of Art	100
SDM 178	Black Board Sketching	100
SDM 179	Expressional Art	100
SDM 180	Model Drawing	100
SDM 181	Nature Study	100

2nd Semester

Course Code	Course Title	Marks: 600
SDM 182	Design Techniques	100
SDM 189	Arts & Craft	100
SDM 184	Islamiyat	100
SDM 185	Physical Education	100
SDM 186	Teaching Practice	200



Associate Degree in Textile & Fashion Design

Program Details:

Program Code	163
Number of Courses	29
Credit Hours	72
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	8 Semesters, 4 Years
Minimum CGPA Required To Earn Degree	2.00

Program Objectives:

- ◆ Graduates striving to create and utilize the study of design.
- ◆ Graduate acquiring the fundamental knowledge of design related to Textile and Fashion.

Eligibility Criteria:

Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.

Candidates need to pass an entry test or an aptitude interview conducted by the University.

Program Outcomes:

- ◆ Students will be able to create textile prints.
- ◆ Students will have complete knowledge of the fashion and textile industry.
- ◆ Students will communicate their ideas effectively.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.17
GS 123 / 141	Islamic Studies / Values, Ethics & Society	2-0
AD 100	Introduction to Art	3-0
ENG 101	Functional Communication	3-0
AD 105	Basic Drawing	0-2
AD 101	Elements & Principles of Design	1-2
AD 104	Color Theory	2-1
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

2nd Semester

Course Code	Course Title	Cr. Hrs.19
GS 103	Ecosystem	3-0
IT 107	Applications of ICT	2-1
MA 100	Mathematics (Pre- Calculus)	3-0
TFD 221	Design History & Theory-I	3-0
AD 103	Drawing Techniques	0-2
TFD 119	Fibers & Yarn	3-0
TFD 106	Pattern	1-1

3rd Semester

Course Code	Course Title	Cr. Hrs.18
GE 202	Civics & Community Engagement	2-0
GE 201	Ideology & Constitution of Pakistan	2-0
MA 210	Introduction to Statistics	3-0
TFD 204	Basic Sewing	0-2
AD 201	Material & Models	0-2
TFD 214	Pattern-II	0-2
TFD 216	Textile Surface Development	2-1
TFD 270	Draping	1-1

4th Semester

Course Code	Course Title	Cr. Hrs.18
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
TFD 217	Design History & Theory-II	2-0
TFD 219	Fashion Illustration-I	1-2
TFD 228	Pattern-III	0-2
GS 128	Pakistan Studies	2-0



Bachelor of Science in Textile & Fashion Design

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	111	211	210
Number of Courses	52 + Research + Project + Field Exp.	31 + Research + Project + Field Exp.	23 + Research + Project + Field Exp.
Credit Hours	142	89	70
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- 4 Years:** Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.
- 2.5 Years:** Candidates holding Bachelor degree (14 years of education) with at least 45% marks in annual system or AD in non relevant discipline with 2.00 CGPA on the scale of 4.00 from a recognized institution are eligible to apply. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.
- 2 Years:** Candidates holding Associate Degree in relevant discipline with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system from a recognized institution are eligible to apply. The scheme from 5th till 8th Semester will be followed.

Candidates will be required to pass an entry test or an aptitude interview conducted by the university.

Program Objectives:

- Graduate demonstrating the blend of creativity and professional fabric and fashion design skills.
- Graduate striving to enhance textile & fashion entrepreneurship skills.

Program Outcomes:

- Students will be able to produce creative works that demonstrate innovative concepts, formal language, and material exploration.
- Students will be able to describe, analyze, and interpret their artwork.
- Students will be able to recognize elements of design in artwork.
- Students will get an insight into fashion and clothing, and it will enhance their aesthetic sense.
- Students will develop textile and fashion entrepreneurship skills.

Bridge Semester (for 2.5 Years Program)

Course Code	Course Title	Cr. Hrs.19
TFD 119	Fibers & Yarn	3-0
TFD 219	Fashion Illustration-I	1-2
TFD 270	Draping	1-1
TFD 216	Textile Surface Development	2-1
TFD 204	Basic Sewing	0-2
TFD 131	Pattern Making	0-2
AD 101	Elements & Principles of Design	1-2
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

*Only for students who did not study Understanding of Holy Quran-I / Minority Rights in the Constitution of Pakistan-I or Equivalent course in BSc/BA/AD Degree Program.

Scheme of Studies

1st Semester		
Course Code	Course Title	Cr. Hrs.17
GS 123/141	Islamic Studies /Value, Ethics & Society	2-0
AD 100	Introduction to Art	3-0
ENG 101	Functional Communication	3-0
AD 105	Basic Drawing	0-2
AD 101	Elements & Principles of Design	1-2
AD 104	Color Theory	2-1
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

2nd Semester		
Course Code	Course Title	Cr. Hrs.19
GS 103	Ecosystem	3-0
IT 107	Applications of ICT	2-1
MA 100	Mathematics (Pre- Calculus)	3-0
TFD 221	Design History & Theory-I	3-0
AD 103	Drawing Techniques	0-2
TFD 119	Fibers & Yarn	3-0
TFD 106	Pattern	1-1

3rd Semester		
Course Code	Course Title	Cr. Hrs.18
GE 202	Civics & Community Engagement	2-0
GE 201	Ideology & Constitution of Pakistan	2-0
MA 210	Introduction to Statistics	3-0
TFD 204	Basic Sewing	0-2
AD 201	Material & Models	0-2
TFD 214	Pattern-II	0-2
TFD 216	Textile Surface Development	2-1
TFD 270	Draping	1-1

4th Semester		
Course Code	Course Title	Cr. Hrs.18
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
TFD 217	Design History & Theory-II	2-0
TFD 219	Fashion Illustration-I	1-2
TFD 340	Draping-II	0-2
GS 128	Pakistan Studies	2-0

5th Semester		
Course Code	Course Title	Cr. Hrs.19
AD 301	Digital Design-I	1-1
TFD 366	Advance Sewing	0-2
TFD 228	Pattern-III	0-2
TFD 224	Textile Design-I	1-2
TFD 361	Weave Design Studio	1-2
TFD 365	Fashion Illustration-II	1-2
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0
AI 301	AI-Driven Design Innovation	1-2

6th Semester		
Course Code	Course Title	Cr. Hrs.19
RES 380	Research Methodology	3-0
AD 303	Digital Design-II	1-2
TFD 368	History of Costume	3-0
TFD 339	Fashion Drawing and Illustration	1-2
TFD 377	Textile Design-II	1-2
TFD 379	Weave Design Studio-II	0-2
TFD 380	Surface Embellishment	0-2

7th Semester		
Course Code	Course Title	Cr. Hrs.17
MKT 401	Digital Marketing	3-0
HR 355	Leadership & Team Management	3-0
AD 401	Digital Design-III	0-2
TFD 401	Batik Technique	1-2
TFD 404	Textile Dyes	3-0
RES 415	Research Thesis (Phase I)	0-1
	Collection + Portfolio (Phase I)	0-2

8th Semester		
Course Code	Course Title	Cr. Hrs.15
GS 422	Professional Ethics	3-0
EDU 312	General Methods of Teaching	3-0
TFD 454	Fashion Accessories	0-2
RES 486	Research Thesis (Phase II)	0-2
	Collection + Portfolio (Phase II)	0-2
RES 430	Field Practice	0-3

Select one for Collection:

Fashion Collection		
Course Code	Course Title	Cr. Hrs.
TFD 481	Fashion Collection + Portfolio (Phase I)	0-2
TFD 482	Fashion Collection + Portfolio (Phase II)	0-2

Textile Collection		
Course Code	Course Title	Cr. Hrs.
TFD 483	Textile Collection + Portfolio (Phase I)	0-2
TFD 484	Textile Collection + Portfolio (Phase II)	0-2



Associate Degree in Fine Arts

Program Details:

Program Code	170
Number of Courses	28
Credit Hours	69
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	8 Semesters, 4 Years
Minimum CGPA Required To Earn Degree	2.00

Program Objectives:

- ◆ Graduate acquiring basic knowledge of techniques and skills used in Fine Arts.
- ◆ Graduate developing an understanding of contemporary visual arts development, current trends, and market issues.

Eligibility Criteria:

Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.

Candidates need to pass an entry test or an aptitude interview conducted by the University.

Program Outcomes:

- ◆ Students will know different techniques and skills by using essential tools and processes.
- ◆ They will develop skills to demonstrate and express their concepts in a concrete form.
- ◆ They will be able to resolve complex problems related to the artwork.
- ◆ They will be able to express artistic concepts through manipulating various media (e.g., charcoal, paint) and the psychology of colors.
- ◆ They will be aware of contemporary visual arts development and issues and current trends in the market.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.17
GS 123/141	Islamic Studies /Value, Ethics & Society	2-0
AD 100	Introduction to Art	3-0
ENG 101	Functional Communication	3-0
AD 105	Basic Drawing	0-2
AD 101	Elements & Principles of Design	1-2
AD 104	Color Theory	2-1
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
GS 103	Ecosystem	3-0
IT 107	Applications of ICT	2-1
MA 100	Mathematics (Pre-Calculus)	3-0
AD 108	Basic Drafting	0-2
AD 103	Drawing Techniques	0-2
AD 109	History of Art	3-0
FA 107	Basic Painting	0-2

3rd Semester

Course Code	Course Title	Cr. Hrs.15
GE 202	Civics & Community Engagement	2-0
GE 201	Ideology & Constitution of Pakistan	2-0
MA 210	Introduction to Statistics	3-0
AD 201	Material & Models	0-2
FA 210	Drawing-I	0-2
FA 215	Painting-I	0-2
FA 214	Sculpture	0-2

4th Semester

Course Code	Course Title	Cr. Hrs.19
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
AD 203	History of Culture	3-0
FA 219	Advance Color Theory	2-1
FA 207	Nature Study	0-2
GS 128	Pakistan Studies	2-0



Bachelor of Science in Fine Arts

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	169	204	203
Number of Courses	52 + Research + Project + Field Exp.	31 + Research + Project + Field Exp.	23 + Research + Project + Field Exp.
Credit Hours	142	89	70
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- 4 Years:** Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.
- 2.5 Years:** Candidates holding Bachelor degree (14 years of education) with at least 45% marks in annual system or AD in non-relevant discipline with 2.00 CGPA on the scale of 4.00 from a recognized institution are eligible to apply. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.
- 2 Years:** Candidates holding Associate Degree in relevant discipline with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system from a recognized institution are eligible to apply. The scheme from 5th till 8th Semester will be followed.

Candidates will be required to pass an entry test or an aptitude interview conducted by the university.

Program Objectives:

- Graduate demonstrating advanced knowledge and skills in the field of Fine Arts.
- Graduate demonstrating an advanced level of competence in the field of contemporary art from a critical perspective.

Program Outcomes:

- Advanced knowledge and skills are acquired and applied in professional studio practices.
- To work professionally by understanding various mediums.
- An effective artistic vocabulary to demonstrate their work visually and verbally.
- A portfolio of their artistic achievements and work that reflects the ability to communicate effectively in visual form.
- An awareness of current professional standards in their media and in the larger field of contemporary art from a critical perspective.

Bridge Semester (for BS 2.5 Years Program)

Course Code	Course Title	Cr. Hrs.19
AD 108	Basic Drafting	0-2
AD 201	Material & Models	0-2
FA 215	Painting-I	0-2
FA 210	Drawing-I	0-2
FA 219	Advance Color Theory	2-1
FA 207	Nature Study	0-2
AD 101	Elements & Principles of Design	1-2
FA 214	Sculpture	0-2
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

*Only for students who did not study Understanding of Holy Quran-I / Minority Rights in the Constitution of Pakistan-I or Equivalent course in BSc/BA/AD Degree Program.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.17
GS 123/141	Islamic Studies /Value, Ethics & Society	2-0
AD 100	Introduction to Art	3-0
ENG 101	Functional Communication	3-0
AD 105	Basic Drawing	0-2
AD 101	Elements & Principles of Design	1-2
AD 104	Color Theory	2-1
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
GS 103	Ecosystem	3-0
IT 107	Applications of ICT	2-1
MA 100	Mathematics (Pre-Calculus)	3-0
AD 108	Basic Drafting	0-2
AD 103	Drawing Techniques	0-2
AD 109	History of Art	3-0
FA 107	Basic Painting	0-2

3rd Semester

Course Code	Course Title	Cr. Hrs.18
GE 202	Civics & Community Engagement	2-0
GE 201	Ideology & Constitution of Pakistan	2-0
MA 210	Introduction to Statistics	3-0
AD 201	Material & Models	0-2
FA 210	Drawing-I	0-2
FA 215	Painting-I	0-2
FA 214	Sculpture	0-2
FA 305	Pakistani Artists	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.19
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
AD 203	History of Culture	3-0
FA 219	Advance Color Theory	2-1
FA 207	Nature Study	0-2
GS 128	Pakistan Studies	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
AD 301	Digital Design-I	1-1
FA 402	Muslim Architecture	3-0
FA 222	Painting-II	0-2
FA 413	En Plein Air-I	0-2
FA 303	Drawing-II	0-2
FA 321	Calligraphy	1-2
AI 301	AI-Driven Design Innovation	1-2
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0

6th Semester

Course Code	Course Title	Cr. Hrs.19
RES 380	Research Methodology	3-0
FA 424	En Plein Air-II	0-2
FA 301	History of Modern and Post Modern Era	3-0
AD 303	Digital Design-II	1-2
FA 307	Advance Painting	0-2
FA 309	Printmaking	2-1
FA 315	Experimental Art	1-2

7th Semester

Course Code	Course Title	Cr. Hrs.17
MKT 401	Digital Marketing	3-0
HR 355	Leadership & Team Management	3-0
AD 401	Digital Design-III	0-2
TFD 401	Batik Technique	1-2
FA 412	Art Criticism	3-0
RES 415	Research Thesis (Phase-I)	0-1
FA 481	Project + Portfolio (Phase I)	0-2

8th Semester

Course Code	Course Title	Cr. Hrs.16
GS 422	Professional Ethics	3-0
EDU 312	General Methods of Teaching	3-0
FA 401	Art Psychology	3-0
RES 486	Research Thesis (Phase-II)	0-2
FA 482	Project + Portfolio (Phase II)	0-2
RES 430	Field Practice	0-3



Associate Degree in Library & Information Sciences

Program Details:

Program Code	162
Number of Courses	25
Credit Hours	69
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	8 Semesters, 4 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility Criteria:

Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.

Candidates need to pass an entry test or an aptitude interview conducted by the University.

Program Objectives:

The Program is designed to provide comprehensive knowledge in the core areas of Library & Information Sciences along with necessary computer skills. The breed of these graduates will help and support the work force of professionally qualified and skilled librarians which can meet market demand.

Program Outcomes:

- ◆ To apply the knowledge, Techniques, Skills and modern tools of the discipline broadly – defined library technologies activities.
- ◆ To apply knowledge of librarians/information professionals to library problems that require the application of principles and procedure of methodologies.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.17
GS 123/141	Islamic Studies /Value, Ethics & Society (for Non-Muslims)	2-0
GE 112	Introduction to Philosophy	3-0
ENG 101	Functional Communication	3-0
LIS 101	Information Library & Society	3-0
LIS 122	Introduction to Classification	3-0
LIS 124	Introduction to Cataloguing	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
GS 103	Ecosystem	3-0
IT 107	Applications of Information and Communication Technologies (ICT)	2-1
MA 100	Mathematics-I (Pre-Calculus)	3-0
LIS 109	Management of Library & Information Center	3-0
LIS 107	Evaluation of Libraries & Information Sources	3-0
LIS 105	Basic References to Information Sources	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.17
GE 202	Civics and Community Engagement	2-0
GE 201	Ideology and Constitution of Pakistan	2-0
MA 310	Introduction to Statistics	3-0
LIS 202	User Services in Libraries	3-0
LIS 204	Introduction to Publishing & Book Trade	3-0
LIS 206	Information Storage & Retrieval	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs.17
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
LIS 208	Bibliographic Control	3-0
LIS 210	Use of Emerging Technologies in Library	3-0
GS 128	Pakistan Studies	2-0



Bachelor of Science in Library & Information Sciences

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	181	213	212
Number of Courses	46 + Capstone Project + Field Exp.	28 + Capstone Project + Field Exp.	21 + Capstone Project + Field Exp.
Credit Hours	136	86	67
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- i. **4 Years:** Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.
- ii. **2.5 Years:** Candidates holding Bachelor degree (14 years of education) with at least 45% marks in annual system or AD in non relevant discipline with 2.00 CGPA on the scale of 4.00 from a recognized institution are eligible to apply. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.
- iii. **2 Years:** Candidates holding Associate Degree in relevant discipline with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system from a recognized institution are eligible to apply. The scheme from 5th till 8th Semester will be followed.

Candidates will be required to pass an entry test or an aptitude interview conducted by the university.

Program Educational Objectives (PEO's):

PEO 1 Graduates will demonstrate expertise in library science principles, modern technologies, and innovative practices to deliver user-centered and sustainable library and information services that address diverse community needs.

PEO 2 Graduates will exhibit leadership, teamwork, and ethical responsibility in managing library operations, preserving cultural heritage, and promoting equitable access to information within a global and culturally diverse environment.

PEO 3 Graduates will engage in continuous learning, professional development, and research activities to contribute to advancements in library science and adapt to emerging trends in information management.

Program Learning Outcomes (PLO's):

PLO-1 Knowledge Apply knowledge of library science values, information management, and associated disciplines to resolve real-world tests in library and information settings.

PLO-2 Problem Analysis Identify, analyze, and report user information necessities and tasks using a systematic approach to develop effective solutions.

PLO-3 Design and Development of Solutions Design, grow, and implement user-centered library services, systems, and policies to encounter the various needs of populations.

PLO-4 Investigation Conduct surveys using suitable research methods to evaluate information resources, systems, and applies in library science.

PLO-5 Tool Usage Select and put on current tools, technologies, and performs for proficient organization, retrieval, and dissemination of information.

PLO-6 Professional and Ethical Responsibility Determine an understanding of professional ethics, intellectual property rights, and social tasks in managing information and services.

PLO-7 Environment and Sustainability Identify the role of libraries in upholding sustainable development and preserving cultural and historical heritage for future generations.

PLO-8 Teamwork and Leadership Purpose effectively as a distinct, team member, or leader in multidisciplinary and various settings to attain common goals.

PLO-9 Communication Link effectively with numerous shareholders, including library users, staff, and public members, through oral, written, and digital mediums.

PLO-10 Project Management Relate management principles to plan, organize, and evaluate library processes and projects within resource limits.

PLO-11 Lifelong Learning Involve in lifelong learning and professional development to adjust to evolving trends and progresses in library and information science.

PLO-12 Global and Cultural Awareness Show an understanding of worldwide issues, cultural diversity, and bias-free, and their influence on library facilities and information access

Scheme of Studies

Bridge Semester (for BS 2.5 Years Program)

Course Code	Course Title	Cr. Hrs.19
LIS 101	Information Library & Society	3-0
LIS 122	Introduction to Classification	3-0
LIS 124	Introduction to Cataloguing	3-0
LIS 109	Management of Library & Information Center	3-0
LIS 107	Evaluation of Libraries & Information Sources	3-0
LIS 105	Basic References to Information Sources	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

*Only for students who did not study Understanding of Holy Quran-I / Minority Rights in the Constitution of Pakistan-I or Equivalent course in BSc/BA/AD Degree Program.

1st Semester

Course Code	Course Title	Cr. Hrs.17
GS 123/141	Islamic Studies /Value, Ethics & Society (for Non-Muslims)	2-0
GE 112	Introduction to Philosophy	3-0
ENG 101	Functional Communication	3-0
LIS 101	Information Library & Society	3-0
LIS 122	Introduction to Classification	3-0
LIS 124	Introduction to Cataloguing	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
GS 103	Ecosystem	3-0
IT 107	Applications of Information and Communication Technologies (ICT)	2-1
MA 100	Mathematics-I (Pre-Calculus)	3-0
LIS 109	Management of Library & Information Center	3-0
LIS 107	Evaluation of Libraries & Information Sources	3-0
LIS 105	Basic References to Information Sources	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.17
GE 202	Civics and Community Engagement	2-0
GE 201	Ideology and Constitution of Pakistan	2-0
MA 210	Introduction to Statistics	3-0
LIS 202	User Services in Libraries	3-0
LIS 204	Introduction to Publishing & Book Trade	3-0
LIS 206	Information Storage & Retrieval	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

4th Semester

Course Code	Course Title	Cr. Hrs.17
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
LIS 208	Bibliographic Control	3-0
LIS 210	Use of Emerging Technologies in Library	3-0
GS 128	Pakistan Studies	2-0

5th Semester

Course Code	Course Title	Cr. Hrs.18
URD 117	Functional Urdu	3-0
LIS 212	Library Information Services in Pakistan	3-0
LIS 214	Knowledge Management	3-0
LIS 216	Acquisition	3-0
LIS 218	Library Automation System	3-0
LIS 103	Organization of Information	3-0

6th Semester

Course Code	Course Title	Cr. Hrs.18
MGT 106	Principles of Management	3-0
LIS 305	Collection Development and Management	3-0
LIS 307	Applied Classification	2-1
LIS 309	Archives and Record Management	3-0
AI 321	AI in Library & Information Sciences	2-1
LIS 416	Field Experience	0-3

7th Semester

Course Code	Course Title	Cr. Hrs.16
LIS 400	Information Sources of Literature & Social Sc.	3-0
LIS 402	Applied Cataloging	2-1
LIS 404	Indexing & Abstracting	3-0
RES 477	Research Methodology	3-0
LIS 407	Information Seeking Behavior	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0

8th Semester

Course Code	Course Title	Cr. Hrs.15
LIS 410	Library Resource Sharing & Networking	3-0
LIS 406	Intellectual Property Rights	3-0
LIS 411	Marketing of Library & Information Services	3-0
GS 422	Professional Ethics	3-0
RES 485	Capstone Project	0-3



Junior Diploma in Physical Education

Program Details:

Program Code	070
Number of Courses	12 + Teaching Practice
Credit Hours	36
Minimum Duration	2 Semesters, 1 Year
Maximum Duration	6 Semesters, 3 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility Criteria:

Candidates holding Intermediate Certificate with at least 45% marks or A level with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.

Candidates need to pass an entry test or an aptitude interview conducted by the university.

Program Outcomes:

After successful completion of the program the students will be able to teach at school level regarding maintaining discipline and organization of the games. In addition to that the students will understand about the rules & techniques of major Games. It will be also possible to know about anatomy and physiology and about basic health related problems in relation with Sports Science as well.

Program Objectives:

Students will be able to promote physical, mental, emotional and social aspect of their lives.

The program will enhance student sports and athletics performance through improving health fitness and wellness.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.18
ENG 101	Functional Communication (English-I)	3-0
SPE 101	Foundation of Physical Education	3-0
SPE 119	Fundamental Rules and Techniques of Games and Sports	3-0
SPE 114	Basic Health Education	3-0
SPE 118	Olympic and Re-Creative Sports	3-0
SPE 121	Anatomy and Physiology	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
SPE 129	Science of Movement	3-0
SPE 132	Sports Injuries (Treatment by Rehabilitation)	3-0
SPE 131	Basic Sports Nutrition	3-0
SPE 141	Techniques and Teaching of Track & Field Events (Practical)	0-2
SPE 142	Techniques and Teaching of Games (Practical)	0-2
SPE 143	Techniques and Teaching of Gymnastics (Practical)	0-2
SPE 191	Teaching Practice + Project	0-3



Associate Degree in Physical Education

Program Details:

Program Code	174
Number of Courses	28
Credit Hours	71
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	8 Semesters, 4 Years
Minimum CGPA Required To Earn Degree	2.00

Eligibility Criteria:

Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.

Candidates need to pass an entry test or an aptitude interview conducted by the University.

Program Objectives:

Program being offered to provide an opportunity to enhance the knowledge, skills and qualification in the field of sports sciences & Physical Education as well as to produce such a force of professionally qualified and skilled sports professionals which can meet the market demands.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.18
GE 110	Introduction to Philosophy	2-0
NS 100	Introduction to Physics	3-0
SSS 105	Philosophical Basis of Physical Education	3-0
SSS 109	Rules & Techniques of Games	3-0
GS 123/240	Islamic Studies / Values, Ethics and Society (for Non-Muslims)	2-0
SSS 207	Techniques and Teaching of Games (Practical)	0-2
SSS 108	Introduction to Gymnastics	2-0
SSS 114	Techniques and Teaching of Gymnastics (Practical)	0-1

2nd Semester

Course Code	Course Title	Cr. Hrs.18
GE 109	Ideology and Constitution of Pakistan	2-0
MA 100	Mathematics	3-0
GS 322	Sociology	2-0
SSS 111	Rules and Techniques of Track & Field	3-0
SSS 214	Techniques and Teaching of Track & Field (Practical)	0-2
SSS 115	Health Education	3-0
GS 128	Pakistan Studies	2-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

3rd Semester

Course Code	Course Title	Cr. Hrs.17
GE 202	Civics and Community Engagement	2-0
ENG 100	Functional English	3-0
MGT 270	Entrepreneurship	3-0
SSS 203	Test, Measurement & Evaluation in Physical Education and Sports	3-0
SSS 205	Trauma and Rehabilitation	3-0
SSS 107	Anatomy & Physiology	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
IT 107	Applications of Information and Communication Technologies (ICT)	2-1
ENG 209	Academic Writing	3-0
MA 210	Introduction to Statistics	3-0
SSS 218	Administration & Management in Sports	3-0
SSS 220	Sports Psychology	3-0
SSS 210	Curriculum Development in Physical Education	3-0



Bachelor of Science in Sports Science & Physical Education

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	186	190	189
Number of Courses	50 + Capstone Project + Field Exp.	31 + Capstone Project + Field Exp.	22 + Capstone Project + Field Exp.
Credit Hours	137	85	66
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- 4 Years:** Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.
- 2.5 Years:** Candidates holding Bachelor degree (14 years of education) with at least 45% marks in annual system or AD in non relevant discipline with 2.00 CGPA on the scale of 4.00 from a recognized institution are eligible to apply. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.
- 2 Years:** Candidates holding Associate Degree in relevant discipline with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system from a recognized institution are eligible to apply. The scheme from 5th till 8th Semester will be followed.

Candidates will be required to pass an entry test or an aptitude interview conducted by the university.

Program Objectives:

Program being offered to provide an opportunity to enhance the knowledge, skills and qualification in the field of sports sciences & Physical Education as well as to produce such a force of professionally qualified and skilled sports professionals which can meet market demands.

Bridge Semester (for BS 2.5 Years Program)

Course Code	Course Title	Cr. Hrs.19
SSS 101	Philosophical Basis of Physical Education	3-0
SSS 108	Introduction to Gymnastics	2-0
SSS 102	Anatomy & Physiology	2-0
SSS 103	Rules and Techniques of Games	3-0
SSS 104	Rules & Techniques of Track and Field	3-0
SSS 207	Techniques and Teaching of Games (Practical)	0-2
SSS 114	Techniques and Teaching of Gymnastics (Practical)	0-1
SSS 214	Techniques and Teaching of Track & Field (Practical)	0-2
QT 101	*Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	*Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

*Only for students who did not study Understanding of Holy Quran-I / Minority Rights in the Constitution of Pakistan-I or Equivalent course in BSc/BA/AD Degree Program.

Bachelor of Science in Sports Science & Physical Education

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.18
GE 110	Introduction to Philosophy	2-0
NS 100	Introduction to Physics	3-0
SSS 105	Philosophical Basis of Physical Education	3-0
SSS 109	Rules & Techniques of Games	3-0
GS 123/240	Islamic Studies / Values, Ethics and Society (for Non Muslims)	2-0
SSS 207	Techniques and Teaching of Games (Practical)	0-2
SSS 108	Introduction to Gymnastics	2-0
SSS 114	Techniques and Teaching of Gymnastics (Practical)	0-1

2nd Semester

Course Code	Course Title	Cr. Hrs.18
GE 109	Ideology and Constitution of Pakistan	2-0
MA 100	Mathematics	3-0
GS 322	Sociology	2-0
SSS 111	Rules and Techniques of Track & Field	3-0
SSS 214	Techniques and Teaching of Track & Field (Practical)	0-2
SSS 115	Health Education	3-0
GS 128	Pakistan Studies	2-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

3rd Semester

Course Code	Course Title	Cr. Hrs.17
GE 202	Civics and Community Engagement	2-0
ENG 100	Functional English	3-0
MGT 270	Entrepreneurship	3-0
SSS 203	Test, Measurement & Evaluation in Physical Education and Sports	3-0
SSS 205	Trauma and Rehabilitation	3-0
SSS 107	Anatomy & Physiology	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.18
IT 107	Applications of Information and Communication Technologies (ICT)	2-1
ENG 209	Academic Writing	3-0
MA 210	Introduction to Statistics	3-0
SSS 218	Administration & Management in Sports	3-0
SSS 220	Sports Psychology	3-0
SSS 210	Curriculum Development in Physical Education	3-0

5th Semester

Course Code	Course Title	Cr. Hrs.19
SSS 311	Techniques and Teaching of Games-II (Practical)	0-2
SSS 301	Exercise Physiology	3-0
SSS 303	Bio-Mechanics	3-0
SSS 315	Health & Wellness	3-0
SSS 402	Techniques and Teaching of Track & Field-II(Practical)	0-2
CMS 316	Media Studies	3-0
AI 312	Artificial Intelligence	2-1

6th Semester

Course Code	Course Title	Cr. Hrs.16
SSS 307	Research Methodology in Physical Education	3-0
SSS 309	Physical Education for Special Population	3-0
SSS 201	Sports Nutrition	3-0
SSS 317	Adapted Physical Education	3-0
SSS 403	Techniques and Teaching of Gymnastics-I	0-1
RES 350	Field Experience	0-3

7th Semester

Course Code	Course Title	Cr. Hrs.16
SSS 212	Science of Sports Training	3-0
SSS 407	Recreation And Outdoor Pursuits	3-0
EDU 300	Foundations of Education	3-0
RES 485	Capstone Project	0-3
MGT 373	Introduction to Planning & Management	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

8th Semester

Course Code	Course Title	Cr. Hrs.15
SSS 410	Planning Sports Facilities	3-0
SSS 412	Physiotherapy	3-0
SSS 113	Sports Medicine	3-0
SSS 400	Introduction to Modern Technologies	3-0
SSS 305	Talent Development and Identification in Sports	3-0

Field Experience

Eight weeks of field experience will be carried out during the summer break in competitions at the inter-school, inter-collegiate, or inter-university/board level in games, gymnastics, track, and field events. A competition certificate, along with group photos with the trainers, must be submitted to the Controller of Examinations before the final term examinations of the 7th semester.

Participants must earn a certificate of successful completion of the field experience.



Associate Degree in English

Program Details:

Program Code	222
Number of Courses	27
Credit Hours	74
Minimum Duration	4 Semesters, 2 Years
Maximum Duration	8 Semesters, 4 Years
Minimum CGPA Required To Earn Degree	2.00

Program Objectives:

The AD English (02 Years) program is an Associate Degree program which follows the guidelines of Higher Education Commission, Islamabad, Pakistan. It helps the learner how to use various skills involved with the interpretation, understanding, analysis, reading and research of various texts and pieces of English literature. Courses are selected in order to develop an understanding of different genres and forms of literary expression (poetry, prose, novel, drama, non-fiction) as well as linguistic and rhetorical skills through frequent reading and writing assignments and class discussions.

Eligibility Criteria:

Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.

Candidates need to pass an entry test or an aptitude interview conducted by the University.

Program Outcomes:

- ◆ The students will demonstrate the capacity to write and speak clearly, read perceptively, and think critically.
- ◆ The students will have the knowledge of historical traditions in literature.
- ◆ The students will understand how written and spoken language expresses diverse cultural experiences.
- ◆ The students will have profound knowledge of the key concepts in English language and literature.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.18
GS 123/141	Islamic Studies / Values, Ethics & Society	2-0
GE 112	Introduction to Philosophy	3-0
GE 202	Civics & Community Engagement	2-0
GS 128	Pakistan Studies	2-0
ENG 100	Functional English	3-0
ELL 104	British Literary History: Medieval to Romantic	3-0
ELL 108	Introduction to Linguistics	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
GS 103	Eco System	3-0
IT 107	Applications of Information & Communication Technologies	2-1
MA 100	Mathematics-I (Pre-Calculus)	3-0
ELL 110	Introduction to Phonetics & Phonology	2-1
ELL 112	British Literary History: Victorian to Modern	3-0
ELL 114	Morphology, Grammar & Syntax	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.19
GE 201	Ideology and Constitution of Pakistan	2-0
MGT 270	Entrepreneurship	2-0
MA 210	Introduction to Statistics	3-0
ELL 307	Sociolinguistics	3-0
ELL 306	Semantics & Pragmatics	3-0
ELL 103	Introduction to Literary Studies	3-0
ELL 203	Prose	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.19
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
ELL 209	Psycholinguistics	3-0
ELL 205	Teaching of English as a Foreign Language (TEFL)	2-1
ELL 207	Literary Theory	3-0
ELL 215	Literary Criticism	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

Bachelor of Studies in English

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	221	259	258
Number of Courses	50 + Capstone Project + Internship	29 + Capstone Project + Internship	22 + Capstone Project + Internship
Credit Hours	144	89	70
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.5 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

Eligibility Criteria:

- 4 Years:** Candidates holding Intermediate certificate with at least 45% marks or A-Levels with equivalency certificate from IBCC Islamabad or an equivalent certificate from a recognized institution are eligible to apply.
- 2.5 Years:** Candidates holding Bachelor degree (14 years of education) with at least 45% marks in annual system or AD in non relevant discipline with 2.00 CGPA on the scale of 4.00 from a recognized institution are eligible to apply. After Bridge Semester, the scheme from 5th till 8th Semester will be followed.
- 2 Years:** Candidates holding Associate Degree in relevant discipline with at least 45% marks in annual system or 2.00 CGPA on the scale of 4.00 in semester system from a recognized institution are eligible to apply. The scheme from 5th till 8th Semester will be followed.

Candidates will be required to pass an entry test or an aptitude interview conducted by the university.

Program Objectives:

The program aims at developing learners' ability to critically read and analyze linguistics and literary texts in their historical, socio political, cultural and philosophical contexts combined with aesthetic pleasure and intellectual stimulation. Emphasis is on literary expression (poetry, prose, novel, drama, non-fiction) as well as linguistic and rhetorical skills through frequent reading and writing assignments, and class discussions.

Program Outcomes:

- The students will have profound knowledge of the techniques of textual analysis.
- The students will be competent to adequately express themselves by oral and written communication.
- The students will have profound knowledge of the key concepts in English language and literature.
- The students will be able to critically explore major schools of literacy, criticism and theory.
- The graduates will be able to conduct both qualitative and quantitative research in the fields of English literature and Linguistics.

Bridge Semester (for BS 2.5 Years Program)

Course Code	Course Title	Cr. Hrs.19
ELL 209	Psycholinguistics	3-0
ELL 103	Introduction to Literary Studies	3-0
ELL 104	British Literary History: Medieval to Romantic	3-0
ELL 114	Morphology, Grammar & Syntax	3-0
ELL 108	Introduction to Linguistics	3-0
ELL 215	Literary Criticism	3-0
QT 101	*Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	*Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

*Only for students who did not study Understanding of Holy Quran-I / Minority Rights in the Constitution of Pakistan-I or Equivalent course in BSc/BA/AD Degree Program.

Scheme of Studies

1st Semester

Course Code	Course Title	Cr. Hrs.18
GS 123/141	Islamic Studies / Values, Ethics & Society	2-0
GE 112	Introduction to Philosophy	3-0
GE 202	Civics & Community Engagement	2-0
GS 128	Pakistan Studies	2-0
ENG 100	Functional English	3-0
ELL 104	British Literary History: Medieval to Romantic	3-0
ELL 108	Introduction to Linguistics	3-0

2nd Semester

Course Code	Course Title	Cr. Hrs.18
GS 103	Eco System	3-0
IT 107	Applications of Information & Communication Technologies	2-1
MA 100	Mathematics-I (Pre-Calculus)	3-0
ELL 110	Introduction to Phonetics & Phonology	2-1
ELL 112	British Literary History: Victorian to Modern	3-0
ELL 114	Morphology, Grammar & Syntax	3-0

3rd Semester

Course Code	Course Title	Cr. Hrs.19
GE 201	Ideology and Constitution of Pakistan	2-0
MGT 270	Entrepreneurship	2-0
MA 210	Introduction to Statistics	3-0
ELL 307	Sociolinguistics	3-0
ELL 306	Semantics & Pragmatics	3-0
ELL 103	Introduction to Literary Studies	3-0
ELL 203	Prose	3-0

4th Semester

Course Code	Course Title	Cr. Hrs.19
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
ELL 209	Psycholinguistics	3-0
ELL 205	Teaching of English as a Foreign Language (TEFL)	2-1
ELL 207	Literary Theory	3-0
ELL 215	Literary Criticism	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in the Constitution of Pakistan-I (only for Non-Muslims)	1-0

5th Semester

Course Code	Course Title	Cr. Hrs.19
SGY 301	Gender Studies	3-0
EDU 307	Curriculum Development	3-0
ELL 308	Poetry I (Pre-Romantic)	3-0
ELL 310	Novel I (Birth & Rise)	3-0
ELL 311	Drama I (Elizabethan Drama)	3-0
ELL 313	School of Thoughts in Linguistics	3-0
QT 300	Understanding of Holy Quran-II (only for Muslims)	
MR 300	Minority Rights in the Constitution of Pakistan-II (only for Non-Muslims)	1-0

6th Semester

Course Code	Course Title	Cr. Hrs.18
ELL 323	Introduction to Discourse Analysis	3-0
ELL 325	Poetry II (Romantic & Modern)	3-0
ELL 418	Stylistics	3-0
ELL 315	Language & AI Technology in the Digital Age	3-0
ELL 317	Novel II (Growth & Development)	3-0
ELL 319	Drama II (Post Shakespearian Dramatic Experience)	3-0

Summer Semester

Course Code	Course Title	Cr. Hrs.03
INT 410	Internship	0-3

7th Semester

Course Code	Course Title	Cr. Hrs.15
ELL 412	American Literature	3-0
ELL 414	Introduction to Translation Studies	3-0
ELL 403	Introduction to Applied Linguistics	3-0
ELL 410	Post-colonial Literature	3-0
ELL 406	Research Methodology in English Studies	3-0

8th Semester

Course Code	Course Title	Cr. Hrs.15
ELL 407	Pakistani Literature in English	3-0
ELL 405	Post Modern Fiction	3-0
RES 485	Capstone Project	0-3
ELL 408	Forensic Linguistics	3-0
ELL 409	Language, Race & Ethnicity	3-0

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ایسوسی ایٹ ڈگری ان اردو

Program Details:

199	پروگرام کوڈ :
69	کل تدریسی گھنٹے :
25	مضامین کی تعداد :
4 سمسٹرز 2 سال	کم از کم دورانیہ :
8 سمسٹرز 4 سال	زیادہ سے زیادہ دورانیہ :
ڈگری کے حصول کے لیے کم از کم CGPA 2.00 حاصل کرنا ضروری ہے	

حاصلاتِ تعلیم :

- ♦ طلباء ایسوسی ایٹ ڈگری ان اردو کے حصول کے بعد اپنی پیشہ وارانہ صلاحیتوں کا اظہار قومی اور نجی اداروں میں کر سکیں گے۔ جن میں شعبہ تعلیم (تدریس)، نشریاتی ادارے (ریڈیو، ٹیلی ویژن، اخبارات)، خصوصی طور پر شامل ہیں۔
- ♦ طلباء میں نہ صرف قومی خدمت کا جذبہ پیدا ہوگا، بلکہ باعزت اور اچھے روزگاری وجہ سے ان کی معاشی ضروریات بھی پوری ہو سکیں گی۔
- ♦ طلباء ادب پارے کو پڑھ کر اس کا فکری و فنی جائزہ لے سکیں گے۔

معیارِ اہلیت:

ایسے امیدوار جس نے کسی بھی گورنمنٹ سے منظور شدہ انٹر میڈیٹ بورڈ سے ایف اے، ایف ایس سی (بارہ سال تعلیم) 45% نمبر سے پاس کیا ہو یا اے لیول کا مساوی درجے کا سرٹیفکیٹ IBCC اسلام آباد سے حاصل کیا ہو۔

مقاصد :

- ♦ اردو زبان و ادب کے ذریعے طلباء میں حصولِ علم کا جذبہ پیدا کرنا، تاکہ وہ ملک و قوم کے لیے مفید شہری ثابت ہوں۔
- ♦ اردو زبان کا دامن صرف ادب تک محدود نہیں، اس میں تاریخ، جغرافیہ، سیاسیات، شماریات، اقتصادیات، طب، ارضیات، محاسبات، بلکہ عصر حاضر کے تمام علوم و فنون کا اظہار ہو رہا ہے اور ہو سکتا ہے۔ لہذا طلباء کو اس قابل بنانا کہ وہ جب اپنی عملی زندگی کا آغاز کریں تو مذکورہ علوم کا اپنی قومی زبان میں اظہار کر سکیں۔
- ♦ کسی بھی زبان کا ادب اس خطے کی تہذیب، ثقافت اور اقدار کا نمائندہ ہوتا ہے۔ لہذا اردو کی تدریس کے ذریعے طالب علموں کو اپنی اقدار اور ثقافت سے روشناس کرانا بھی پیش نظر ہے۔
- ♦ اردو کی مختلف نثری، منظوم اصناف اور دیگر طرزِ بیان کو پڑھ کر ان میں امتیاز، استحسان اور تنقید کر سکیں۔

Scheme of Studies

پہلا سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 18
GS 123/141	Islamic Studies /Value, Ethics & Society	2-0
GE 110	Introduction to Philosophy	3-0
ENG 101	Functional Communication (English-I)	3-0
URD 100	تاریخ زبان و ادب اُردو (حصہ اول)	3-0
URD 105	افسانوی ادب (حصہ اول)	3-0
URD 106	تحریر و انشاء (عملی تربیت)	3-0
QT 101	Understanding of Holy Quran-I (only For Muslims)	0-1
MR 101	Minority Rights in Constitution of Pakistan-I (only for Non- Muslims)	1-0

دوسرا سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 18
GS 103	Ecosystem	3-0
IT 107	Applications of Information and Communication Technologies (ICT)	2-1
MA 100	Mathematics-I (Pre-Calculus)	3-0
URD 108	قدیم ادبیات (مثنوی، قصیدہ، مرثیہ)	3-0
URD 110	ادب اور ایلاقیات	3-0
URD 112	دفتری اُردو	3-0

تیسرا سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 16
GE 202	Civics and Community Engagement	2-0
GE 201	Ideology and Constitution of Pakistan	2-0
MA 210	Introduction to Statistics	3-0
URD 204	اُردو زبان قواعد و املا	3-0
URD 208	قصاحت و بلاغت	3-0
URD 210	ادبی اصطلاحات	3-0

چوتھا سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 17
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
URD 214	جدید نظم	3-0
URD 216	تدریس اُردو	3-0
GS 128	مطالعہ پاکستان	2-0

بچلر آف سٹڈیز ان اردو

Program Details	(4 Years)	(2.5 Years)	(2 Years)
Program Code	188	202	206
Number of Courses	46 + Capstone Project + Field Exp.	28 + Capstone Project + Field Exp.	21 + Capstone Project + Field Exp.
Credit Hours	136	86	67
Minimum Duration	8 Semesters, 4 Years	5 Semesters, 2.4 Years	4 Semesters, 2 Years
Maximum Duration	12 Semesters, 6 Years	9 Semesters, 4.5 Years	8 Semesters, 4 Years
Minimum CGPA To Earn Degree	2.00	2.00	2.00

حاصلاتِ تعلیم :

- ♦ طلباء اپنی اہلیں اردو کی ڈگری کے حصول کے بعد اپنی پیشہ وارانہ صلاحیتوں کا اظہار قومی اور نجی اداروں میں کر سکیں گے۔ جن میں شعبہ تعلیم (تدریس)، نشریاتی ادارے (ریڈیو، ٹیلی ویژن، اخبارات)، خصوصی طور پر شامل ہیں۔
- ♦ طلباء میں نہ صرف قومی خدمت کا جذبہ پیدا ہو گا بلکہ باعزت اور اچھے روزگار کی وجہ سے ان کی معاشی ضروریات بھی پوری ہو سکیں گی۔
- ♦ طلباء وادب پارے کو پڑھ کر اس کا فکری و فنی جائزہ لے سکیں گے۔
- ♦ کسی بھی زبان کا وادب اس خطے کی تہذیب، ثقافت اور اقدار کا نمائندہ ہوتا ہے۔ لہذا اردو کی تدریس کے ذریعے طالب علموں کو اپنی اقدار اور ثقافت سے روشناس کرانا بھی پیش نظر ہے۔
- ♦ طلباء کو اردو زبان وادب سکھانا اور اس کی ترویج سے آگاہ کرنا۔
- ♦ اردو کی مختلف نثری، منظوم اصناف اور دیگر طرز بیان کو پڑھ کر ان میں امتیاز، استحسان اور تنقید کر سکیں۔

معیارِ اہلیت:

- ♦ پارسالہ و گرامر میں داخلے کی اہلیت: ایسے امیدوار جس نے کسی بھی گورنمنٹ سے منظور شدہ انٹر میڈیٹ بورڈ سے ایف اے، ایف ایس سی (بارہ سال تعلیم) 45% نمبر سے پاس کیا ہو یا ایسے کیو ایل کامیابی سے پاس کر چکے ہو۔
- ♦ دوسرا سالہ و گرامر میں داخلے کی اہلیت: اسے ڈی اردو (انٹرویو ایبٹ ڈگری) (چودہ سال تعلیم) کے ساتھ کم از کم CGPA 2.00/4.00 سے کسی بھی ایچ ای سی سے منظور شدہ یونیورسٹی سے پاس کیا ہو۔ ایسے امیدوار کو پانچویں سمسٹر سے آٹھویں سمسٹر تک اپنا تعلیمی سلسلہ مکمل کریں گے۔
- ♦ تیسرا سالہ و گرامر میں داخلے کی اہلیت: اس پروگرام میں داخلے کے لیے دو امیدوار داخل ہوں گے جنہوں نے کسی بھی ایچ ای سی سے منظور شدہ یونیورسٹی سے سالانہ تعلیمی نظام کے تحت بی اے (انٹرویو ایبٹ) ایس سی 50 فیصد فیصد نمبروں کے ساتھ چودہ سالہ تعلیم مکمل کی ہو یا سمسٹر سسٹم کے تحت اردو کے علاوہ کسی بھی مضمون میں انٹرویو ایبٹ ڈگری CGPA 2.00 / 4.00 سے پاس کی ہو۔ ایسے امیدوار کو پہلے ایک ارجاعی سمسٹر کروایا جائے گا اور اس کے بعد پانچویں سمسٹر سے آٹھویں سمسٹر تک اپنا تعلیمی سلسلہ مکمل کرنا ہو گا۔

مقاصد :

- ♦ انسان کے ذاتی خیالات، افکار، تصورات اور جذبات و احساسات کے باہمی اظہار کا بہترین ذریعہ زبان ہے۔ زبان پر کامل عبور کے بغیر یہ مقاصد حاصل نہیں ہو سکتے۔ طلباء کو اس قابل بنانا کہ وہ مسلسل، رواں اور لائق فہم گفتگو کر سکیں۔
- ♦ اردو زبان وادب کے ذریعے طلباء میں حصولِ علم کا جذبہ پیدا کرنا تاکہ وہ ملک و قوم کے لیے مفید شہری بن سکیں۔
- ♦ اردو زبان کا دامن صرف ادب تک محدود نہیں، اس میں تاریخ، جغرافیہ، سیاسیات، شہادت، اقتصادیات، طب، ادبیات، محاسبات، بلکہ عصر حاضر کے تمام علوم و فنون کا اظہار ہو رہا ہے اور ہو سکتا ہے۔ لہذا طلباء کو اس قابل بنانا کہ وہ جب اپنی عملی زندگی کا آغاز کریں تو نہ کوہِ علم کا اپنی قومی زبان میں اظہار کر سکیں۔

Scheme of Studies

تیسرا سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 16
GE 202	Civics and Community Engagement	2-0
GE 201	Ideology and Constitution of Pakistan	2-0
MA 210	Introduction to Statistics	3-0
URD 204	اردو زبان قواعد و املا	3-0
URD 208	قصاحت و بلاغت	3-0
URD 210	ادبی اصطلاحات	3-0

چوتھا سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 17
MGT 270	Entrepreneurship	3-0
ENG 209	Academic Writing	3-0
GS 324	Sociology	3-0
URD 214	جدید نظم	3-0
URD 216	تدریس اردو	3-0
GS 128	مطالعہ پاکستان	2-0

پانچواں سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 18
EDU 307	Curriculum Development	3-0
URD 300	ترجمہ: اصول و مباحث	3-0
URD 311	اردو غزل (کلاسیکی)	3-0
URD 318	ادب اور سماجی علوم	3-0
URD 322	تاریخ زبان و ادب اردو (حفظہ دوم)	3-0
URD 324	قدیم اسالیب نثر	3-0

چھٹا سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 18
MGT 106	Principles of Management	3-0
URD 321	اردو غزل (جدید)	3-0
URD 330	معاصر نثری ادب	3-0
URD 421	جدید اسالیب نثر	3-0
EDU 300	Foundation of Education	3-0
RES 350	Field Experience *	0-3

ارتباطی سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 19
URD 100	تاریخ زبان و ادب اردو (حفظہ اول)	3-0
URD 105	افسانوی ادب (حصہ اول)	3-0
URD 108	قدیم اصناف نظم (مثنوی، قصیدہ، مرثیہ)	3-0
URD 106	تحریر و انشاء (عملی تربیت)	3-0
URD 110	ادب اور ایلا غیات	3-0
URD 112	دفتری اردو	3-0
QT 101	Understanding of Holy Quran-I (only for Muslims)	0-1
MR 101	Minority Rights in Constitution of Pakistan-I (For Non- Muslims)	1-0

*Only for students who did not study Understanding of Holy Quran-I / Minority Rights in the Constitution of Pakistan-I or Equivalent course in BSc/BA/AD Degree Program.

پہلا سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 18
GS 123/141	Islamic Studies /Value, Ethics & Society	2-0
GE 110	Introduction to Philosophy	3-0
ENG 101	Functional Communication (English-I)	3-0
URD 100	تاریخ زبان و ادب اردو (حفظہ اول)	3-0
URD 105	افسانوی ادب (حصہ اول)	3-0
URD 106	تحریر و انشاء (عملی تربیت)	3-0
QT 101	Understanding of Holy Quran-I	0-1
MR 101	Minority Rights in Constitution of Pakistan-I (For Non- Muslims)	1-0

دوسرا سمسٹر		
کورس کوڈ	مضمون کا نام	تدریسی گھنٹے: 18
GS 103	Ecosystem	3-0
IT 107	Applications of Information and Communication Technologies (ICT)	2-1
MA 100	Mathematics-I (Pre-Calculus)	3-0
URD 108	قدیم اصناف نظم (مثنوی، قصیدہ، مرثیہ)	3-0
URD 110	ادب اور ایلا غیات	3-0
URD 112	دفتری اردو	3-0

ساتواں سمسٹر		
کورس کوڈ	مضمون کا نام	نمبریں گنتے: 16
URD 419	افسانوی ادب (حصہ دوم)	3-0
URD 427	معاصر شعری ادب	3-0
URD 431	اقبال کا خصوصی مطالعہ	3-0
URD 435	اصول تحقیق	3-0
URD 441	عالمی کلاسیک ادب	3-0
QT 300	Understanding of Holy Quran-II (for non-muslims)	0-1
MR 300	Minority Rights in Constitution of Pakistan-II (For Non- Muslims)	1-0

آٹھواں سمسٹر		
کورس کوڈ	مضمون کا نام	نمبریں گنتے: 15
URD 423	اصول تنقید	3-0
URD 429	لغت نویسی کا فن اور اردو میں لغت نویسی کی روایت	3-0
URD 437	لسانیات	3-0
RES 485	Capstone Project	3-0
AI 312	Artificial Intelligence	2-1

Admission Procedure

Prospective candidates can apply online or through Student Support Centers of the University. After receipt of complete admission forms, the Admission Office (Distance Learning) will finalize admissions. Only complete admission forms with all credentials will be considered for scrutiny.

The forms will be required to sent to the SUI Liaison Office at the following address.

Admission Office, Distance Learning:

SUIT Liaison Office,
1st Floor, Pak Pavilion,
Plot No. 65-E, Fazal-E-Haq Road,
Blue Area, Islamabad.
Contact: 051-2824143-44-45

Directorate of Distance Learning Management (DLM)

Prof. Dr. Syed Gohar Abbas
Director General, DLM
dg.de@suit.edu.pk

Ms. Faiza Riaz
Deputy Director General, DLM
faiza.isb@suit.edu.pk

Mr. Imran Habib
Director, Distance Learning
dde@suit.edu.pk

Mr. Jabran Shahzad
Deputy Director, Distance Learning
info@suit.edu.pk

Mr. Mukhtar H. Haral
Admission Officer, Distance Learning
mukhtar.isb@suit.edu.pk

Mr. Akhtar Alam
Assistant Coordinator, Distance Learning
akhtar.de@suit.edu.pk, 091-5230931-32-33

Important Rules & Regulations

1. Application/ Admission Procedure:

- a. A general advertisement is given by the University in the newspapers, for admission in various Programs of Studies.
- b. An applicant, who is employed in Government / Autonomous / Semi-Autonomies, corporate body or firm, etc, will be required to obtain necessary departmental permission for admission in the University.
- c. Prospectus and admission forms are available from the Ring Road Campus, Liaison Office, Islamabad and at the Student Support Centers (SSC's).
- d. Application for admission must be made on the form enclosed with the prospectus. Photocopy or computer print will not be accepted.
- e. Application for admission may be submitted online through website or physically to the SSC within the Prescribed period.
- f. Online application shall be accepted and hard copy of the online submitted application form along with all required Credentials shall be submitted to the concerned SSC as per academic calendar.
- g. Applications incomplete in any respect will not be considered.
- h. Attested copies of certificates, testimonials and four colour photographs should be attached with the application form.
- i. Applications for admission should reach the admission office on or before the date notified for this purpose in newspapers.
- j. All applicants will have to qualify the entry / aptitude test and / or interview.
- k. An Admission Committee shall consider the applicants for admission to different programs on the basis of academic record, entry / aptitude test and / or interview of the candidates.
- l. Applicants who meet the selection criteria shall be evaluated / interviewed and the merit list shall be displayed at the admission office and the SSC's of SUIT. Result will also be available on the University website.
- m. The Competent Authority shall determine the number of students to be admitted in each program.
- n. Applicants and their parents have to give an undertaking to abide by the Rules and Regulations of the University and such instructions as may be issued by the Competent Authority of the University from time to time.
- o. Each student has to submit an affidavit not to take part in political or other activities detrimental to the academic environment of the University/SSC.
- p. Successful applicants will be required to submit the requisite fee by the due date to secure admission.
- q. The admission of a candidate to a program shall initially be provisional, to be confirmed after (i) verification of testimonials / documents, and (ii) removal of course deficiencies, if any.
- r. A student who is already enrolled in any academic program at Sarhad University or any other recognized

Important Rules & Regulations

University/Degree Awarding Institution (DAI) shall not be eligible for admission to another program at Sarhad University, in the same mode or a different mode of study without No Objection Certificates (NOCs) have been obtained from both institutions. Any admission secured in violation of this provision shall be considered invalid, and the student shall remain ineligible for admission at Sarhad University until completion of the degree program in which he/she is already enrolled.

2. Restrictions and Declarations

- a. Candidates punished by their previous institutions or universities on account of indiscipline or undesirable activities (major penalties) shall not be admitted in the University.
- b. The authority concerned may refuse admission to a student who, in its opinion, has malafide intentions or undesirable background.

3. Deficiency

If a candidate lacks the background knowledge for a specific program of interest, he/she will have to make-up the deficiency by taking one or more additional courses as the concerned Department may prescribe.

4(a). Procedure for Admission of Foreign Nationals:

Non Pakistani candidates desirous of joining Sarhad University are required to produce the following documents along with their request for admission, before they can be considered for admission.

1. No Objection Certificate (NOC) from the Pakistan Embassy of the respective Foreign Country.
2. Duly filled "Foreign Student's Information Sheet" available on HEC website.
3. Copy of valid Passport along with Visa.
4. Photocopies of all previous educational certificates/degrees attested by the concerned Embassy and Pakistan Foreign Office.
5. English Language Proficiency Certificate from the Pakistan Embassy of the respective foreign country.

For admission confirmation:

1. No Objection Certificate (NOC) from Higher Education Commission (HEC) for Admission in concerned degree program.
2. Study VISA for concerned degree program.

4(b). Procedure for Obtaining Equivalence Certificate for Foreign Qualification:

1. Admission on the basis of 12 Years of Education/Schooling in Diploma, AD/BS Degree Programs
Equivalence Certificate for Higher Secondary School Certificate (12 years of schooling) from The Inter Board Coordination Commission (IBCC). For further details, please visit: <https://ibcc.edu.pk/>
2. Admission on the basis of 14/16 Years of Education in BS or Equivalent Degree Programs
Equivalence Certificate of foreign qualification from Higher Education Commission, Pakistan. For further details, please visit:

<https://www.hec.gov.pk/english/services/students/DES/Pages/Procedure/Procedure-foreign.aspx>

5. Cancellation of Admission

- a. A bonafide student of the University may apply in person, or through parents/guardian through formal application for cancellation of admission. The admission of the student shall be cancelled on the recommendation of the DG DLM with the approval of the Competent Authority.
- b. If a student registered in a semester remains willfully absent from classes continuously for a period of 40 days, the University shall cancel his/her admission on the recommendation of the DG DLM.
- c. If a student enrolls himself / herself in any other program of Sarhad University or some other University/DAI while registered at Sarhad University in same mode or in different mode without NOC's from both universities, his / her admission will be cancelled immediately.
- d. If a student fails to complete his/her degree program within the prescribed maximum duration, his/her admission shall automatically stand cancelled upon expiry of the maximum duration period.

6(a). Enrolment in Semester / Term

1. At the beginning of each semester/ term, a student must enroll in courses of studies on the LMS by submitting course enrolment form.
2. The enrolment shall not be deemed complete unless a student makes payment of all the prescribed fee.
3. Enrolment and fee payment must be completed by the dates notified for this purpose, provided the authority concerned may, in special circumstances and on payment of a prescribed late fee, permit a student to enroll within 3 weeks after the commencement of a semester / term. This permission of late admission/enrolment will be at the student's risk who will be responsible to make up the deficiency on his/her own.
4. A student admitted to a program shall, for so long as he/she has not completed all the requirements for the program, enroll himself / herself for each semester / term, failing which his/her admission shall stand cancelled. In case he/she desires re-admission, he/she shall have to apply afresh. The concerned authority may readmit such a candidate, or refuse admission if reasons advanced are not convincing.
5. A student who discontinues with permission may seek re-admission in the same or subsequent semester / term on the recommendations of the DG DLM and approval of the Competent Authority.
6. A student will not be allowed to enroll in a course having a pre-requisite course unless he/she passes that pre-requisite course.
7. Course Audits: Students enrolled in a semester/term can opt for Audit Course on recommendation of their tutors and with the approval of the Competent Authority. Such students will not receive any credit for courses taken on an audit basis. In order for a successful audit to show on a student's academic record (transcript), the student must comply with all the requirements specified by the teacher/ concerned department. Failure in meeting such requirements can lead to award of letter grade W (for withdrawn). Successful audit will be indicated by the letter grade V (for verified). Students registering for courses on audit basis must pay tuition fee at the regular rate.
8. In some programs, the theory and lab components are treated as separate courses. In such a scenario,

if the theory component of a course (Say level I) is pre-requisite for the next higher course(Level II), Enrollment in Theory and Lab components of Level-II course will be allowed only if the theory component of Level-I is pass. A student who has failed theory of level-I but passed lab of level-I will neither be allowed to enroll in theory nor lab of Level-II.

6(b). Freezing of Semester/Term

1. A bonafide student of the University may apply in person, or through parents/ guardian, for freezing of a regular semester, within five weeks from the date of commencement of the semester, provided the student has paid the semester dues by the prescribed date. No fee has to be paid while the student subsequently enrolls in the next semester except for difference of fee of the semester frozen and the semester in which the student enrolls. The duration of the Frozen Semester(s) shall be counted within the maximum duration of the relevant degree program.
2. If a student freezes a semester(s), s/he will resume his/her studies from the same stage where s/he left (froze). No freezing during the semester will be allowed. The duration of the Frozen Semester(s) shall be counted within the maximum duration of the relevant degree program.
3. If a student is not enrolled in any course in a semester, he/she will not be considered a regular student of university in that period. The student may then enroll in these courses in a subsequent semester; however, he/she will have to meet pre-requisites of any course taken. In addition, it is understood that the university is not required to offer all courses in each semester.
4. In special hardship cases, the University may develop any criteria for freezing a semester with the prior permission of the Competent Authority. Medical certificate must be duly issued by the Government Hospital Doctor/ Physician.
5. The duration of Freezing is one year; a candidate who gets a semester freeze can get re-admission next year with upcoming session but hardship cases can be considered by the Competent Authority only.
6. Freezing of first two semesters for AD/BS Program is not allowed.
7. Under special hardship circumstances freezing of first semester can be considered by the approval of Competent Authority.
 - . Iddat
 - . Maternity
 - . Death in the immediate family
 - . Any other subject to acceptance on justified rationale

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

6.c. Leave of Absence

An undergraduate student may be granted Leave of Absence from the university on valid grounds, subject to approval by the competent authority. The student must submit a written application with supporting documents, where required. Leave of Absence shall normally be allowed for a specified period only and the student shall not attend classes, appear in examinations, or claim academic benefit during the leave period. After completion of the approved leave period, the student must formally rejoin the program according to

university rules. The leave duration shall be counted within the maximum duration of the degree program.

7. Re-Enrolment

- a. A student receiving F or W grade in any course shall be required to re-enroll in that course. A student earning 60% marks in a course may also re-enroll in that course, subject to a maximum of one chance to improve his/her grade.
- b. University may offer Repeated Courses (over and above the regularly scheduled courses with total credit hours not exceeding 18 for Two/ Four Years degree program and 22 cr. hrs. for five years degree program) during a regular semester or in order to facilitate re-enrolling students. However, minimum number of students re-enrolling must be 10; otherwise, the course shall be dropped.
- c. If a course is abolished due to a revision in curriculum or scheme of studies, the Center Manager in consultation with program coordinator, may recommend a relevant course from existing curriculum as a replacement for the candidates who need to re-enroll in the abolished course. However, formal approval letter will be issued by the office of the DG DLM. The same shall be reflected in the student Enrolment Form and Transcript/DMC.

8. Payment of Dues

At the time of admission at SUIT, every student will be required to deposit admission/registration fee, security, semester/term enrollment fee, tuition fee, LMS fee, examination fee, lab/chemical charges, and any other fee prescribed in the form of demand draft in the name of Sarhad University Peshawar, or deposit it at specified branch(es) of an authorized bank.

Similarly, for each subsequent semester / term dues have to be paid by the prescribed dates. Otherwise the admission will be cancelled.

9(a). Semester System

1. Sarhad University follows semester system. There are two semesters (Fall and Spring) every year. Each semester is spread over 18 weeks (including examinations). Students promoted to the next semester have to complete their enrollment during the first week of each semester. Admissions are announced in August for the Fall semester usually commencing in November-December time frame while admissions for the Spring semester are announced in March. The Spring semester would usually commence in May-June each year.
2. While all degree programs have their specific durations, number of courses, and credit hour requirements, in general, a 4-year degree program would require completion of about 128-132 credit hours usually in eight semesters, while a two-year degree program would require completion of about 60-69 credit hours, usually in four semesters.
3. By definition, a credit hour means teaching a theory course for one hour each week throughout the semester (provided the semester duration is at-least 16 weeks excluding examinations). One credit hour in laboratory or experimental work would require lab contact of at-least three hours per week throughout the semester. The credit hours are denoted by two digits with a hyphen in between. The first digit represents the theory part while the second (right side) digit represents the practical. Thus 3-0 means three credit hours of theory, while 3-1 means a total of four credit hours, of which three are for theory while one credit hour is for laboratory. The weekly contact hours of a 3-0 course will be three, the contact hours of a 3-1 course will be six while the contact

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hours of a 1-2 course will be seven. The contact hours during the optional Summer semester will be doubled to ensure that the course is completely taught in a semester with half the duration compared to a regular (Fall or Spring) semester.

9(b). Term System

In Term system, after four month exam is conducted. In this way two term exams are conducted in a year. Evaluation of the students is made on the bases of these two exams.

10. Withdrawal/Change of Course(s)

- a. When a course, for which a student has enrolled, cannot be offered according to the announced program, the student may take an alternative course. However, this must be done no later than 15 days after the date of enrolment.
- b. A student, with the approval of the office of the DG DLM, may be allowed to: (i) change a course within 7 days of the commencement of a semester / term, and (ii) drop a course within 5 weeks of the commencement of a regular semester / term. No fee has to be paid while a dropped course is taken at a later stage.
- c. A student, with the approval of the office of the DG DLM, may be allowed to withdraw from a course latest by the end of 12th week of the commencement of a regular semester / term. Withdrawn courses will appear on the transcript with letter grade W. Students will have to pay the requisite fee while taking a course from which they had withdrawn earlier.

11. Attendance

- a. A student enrolled in Distance Learning Program should complete at least 70% attendance on the LMS and should have attended at least 70% of the classes in practical related programs in order to be allowed to appear in the final examination.
- b. A student having less than 70% attendance but more than 60% in a particular course and having made up the deficiency in consultation with the concerned tutor, may be allowed by the office of the DG DLM to take the final examination.
- c. Students having class attendance less than 60% in a particular course, will be required to repeat the course when it is offered again.

12. Examinations

Sessional assessments and mid semester exam (overall carrying 30% weightage) will be conducted at the SSC under the guidelines of the Examination Section of the University. Question papers will be prepared by the University Examination Section and shared with all the SSCs. Final Examinations carrying 70% weightage along with practicals will be conducted under the direct supervision of the University's appointed invigilation staff, and grading will be done by SUIT. To qualify/pass a course, students must secure at least 50% marks in both in mid as well as in final examinations, separately. The %age of internal marks may change by the University from time to time.

13(a). Grading Policy (Semester System)

1. At the end of each semester, the students will be awarded letter grades A, B+, B, C+, C, D+, D, or F based on

percent marks earned in each course. Letter grades W (for withdrawal), I (for incomplete), S (for satisfactory), U (for unsatisfactory), V (for verified) will not count towards GPA computation. The grade points corresponding to these grades are:

Percent Marks	Letter Grade	Grade Point	Remarks
85 - 100	A	4.00	Excellent
78 - 84	B+	3.50	Outstanding
70 - 77	B	3.00	Good
65 - 69	C+	2.50	Above Average
60 - 64	C	2.00	Average
55 - 59	D+	1.50	Below Average
50 - 54	D	1.00	Poor but Passing
< 50	F	0.00	Failing
-	I	-	Incomplete
-	W	-	Withdrawn
-	S	-	Satisfactory
-	U	-	Unsatisfactory
-	V	-	Verified

- The Examination Section in consultation with the Vice Chancellor may decide to use curving for award of letter grades instead of using fixed percentages tabulated above.
- Seminars and field-work will be graded Satisfactory (S) or Unsatisfactory (U) instead of letter grades carrying numerical values.
- Courses taken on Audit Basis will show up on the transcript with letter grade V (for verified) and will not contribute towards GPA computation.
- A student, who fails to complete a course for reasons beyond his /her control, may be granted letter grade "I". In that case, if the student has secured passing marks in the in-semester evaluations, his/ her make-up final examination will be conducted to enable him / her to complete the course and earn a grade. In case, the student has not been able to appear or has failing marks in the in-semester evaluations, he/ she will have to take the course again. The letter grade "I" will subsequently be replaced by the earned grade.
- Students receiving F Grade in any course will have to repeat the course whenever it is offered again. A student obtaining a D or D+ Grade in a course may also repeat that course if necessary to improve his/her CGPA. In case of repeated courses, all grades earned by the student will appear on the transcript, however, only the best grade shall be counted for computation of GPA.
- A student not allowed to appear in the final examination of a course due to shortage of attendance shall be deemed to have obtained zero marks in the final examination. The grade will be awarded based on the student's sessional and midterm examination marks.

13(b). Grading Policy (Term System)

Grades	Percent Marks	Remarks
A+	80% Marks and above	Distinction
A	70% and above but below 80%	Excellent
B	60% and above but below 70%	Very Good
C	50% and above but below 60%	Good
D	45% and above but below 50%	Fair
E	Less than 45% to minimum	Satisfactory

14. Computation of Semester and Cumulative GPA

Semester and cumulative Grade Point Averages (GPAs) will be calculated using the following relationships: The GPAs will be on a scale of 4.00. The semester GPA will have three digits after decimal (e.g., 2.835) while the cumulative GPA will have two digit after decimal (for example 2.84).

$$\text{GPA} = \frac{\text{Sum over Semester (Course Credit Hours X Grade Point Earned)}}{\text{Total Semester Credit Hours}}$$

$$\text{CGPA} = \frac{\text{Sum over all taken (Course Credit Hours X Grade Point Earned)}}{\text{Total Credit Hours Taken}}$$

15(a). Transcript (For Semester System)

Result Card will be issued to all the students free of cost within a week of declaration of semester result. Official transcripts will be issued on completion of the degree program or on request provided the requisite fee is paid. Additional copies of the transcripts can also be obtained on payment of the requisite fee. Mode of education/place of study will be mentioned on the transcript.

15(b). DMC (Detail Marks Certificate) (For Term System)

Result Card will be issued to all the students free of cost within a week of declaration of term results. Official DMC will be issued on completion of the degree program or on payment of requisite fee. Additional copies of the DMC can also be obtained by payment of requisite fee. Mode of education/place of study will be mentioned on the DMC.

16 (a). Promotion Policy (For Semester System)

1. Students who maintain minimum semester and cumulative GPAs of 2.00 shall be promoted to the next semester.
2. A student who fails to maintain the above-mentioned GPA/ CGPA shall be promoted to the next semester on Probation, provided his/her semester and cumulative GPAs are not less than 1.50.
3. A student scoring GPAs less than 1.50 but more than 1.00 will be promoted on Warning. This concession (promotion on warning) will be allowed only once. If a student fails to achieve the required GPA/ CGPA after repetition of courses, he/she will be removed from the University roll.
4. A student scoring GPAs less than 1.00 will be declared Fail and will be required to repeat the semester (essentially the courses in which he/ she has grades lower than C). The student may be allowed to take a few

courses from those of the next semester. This concession of repetition will be allowed only once. If a student fails to achieve the required GPA/ CGPA after repetition of courses, he/she will be removed from the University roll.

5. Students must show satisfactory academics progress in order to remain in good standing. The following rules are meant to ensure that students get timely feedback on their academics progress:
 - I. A student who obtains SGPA of less than 2.0 in any semester shall be issued written warning by the Centre Manager. A copy of the warning letter shall be also sent to the parents/guardian.
 - II. A student who obtains SGPA of less than 2.0 for three consecutive semester & his/her CGPA is also less than 2.0 will have his/her name struck off the rolls of the university and may be readmitted with the junior batch. A written warning of this possibility will be sent to the student (with copy to the parents/guardian) if his/her SGPA is less than 2.0 for two consecutive semesters.
 - III. A student whose CGPA in the first two semesters is less than 1.5 shall not be allowed to register for the third semester until his/her CGPA has improved to 1.5 or more through reappear.
 - IV. A student who has earned four or more F grades in the first two semesters and these F grades are still outstanding at the end of the 4th semester with CGPA less than 1 shall not be allowed to register in the 5th semester until he/she passes these courses and improve CGPA to 1.5 or more.

16 (b). Promotion Policy (For Term System)

Those students will be promoted to next term who qualifies at least 50% courses.

17. Final Year Project

As part of most of the degree programs, students need to complete projects individually or in groups of size not exceeding three.

18. Program Completion & Graduation

For graduation, all F grades have to be cleared. Besides, the minimum qualifying CGPA for undergraduate students is 2.00/4.00 or 45% marks in term system. Faculties/departments may impose additional requirements like satisfactory completion of internship, practical training, field work, seminars etc.

19(a). Transfer of Credits

1. The policy regarding the acceptance of courses by transfer is to allow credit for courses completed with letter grades C or better (usually, 60% or higher marks) in other recognized Universities.
2. The transfer student must file an official transcript of transfer courses and provide other relevant information (course contents/ outlines/ titles of text and reference books) enabling the University to award credit.
3. An equivalence committee comprising three senior faculty members would oversee such cases. The University may co-opt someone from outside if necessary. The committee is to ensure that:
 - I. the courses correspond in time and content to courses offered at Sarhad University,
 - ii. the courses being considered for transfer were taken within last five years.
 - iii. the semester duration matches with that of Sarhad University. Thus 16 credit hours taken in a quarter (10 weeks of teaching) will be considered equivalent to 10 credit hours of a semester of 16 weeks of teaching.

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4. In no case, the transfer credits can exceed 50% of the overall credit hours for any degree program of interest at Sarhad University.
5. Applicants will have to pay the prevalent Credit transfer fee.
6. Transferred courses will be reflected on the Transcript but will not count towards CGPA computation.

19(b). Exemption Policy

1. The policy regarding exemption of courses is to allow credit for courses completed with letter grades C or better (usually, 60% or higher marks) in other recognized Universities.
2. The applicant must file an official transcript of courses previously taken and provide other relevant information (course contents/outlines/titles of text and reference books) enabling the University to award credits.
3. An Equivalence Committee comprising three senior faculty members would oversee such cases. The University may co-opt someone from outside if necessary. The Committee is to ensure that:
 - i. The courses correspond in time and content to the courses offered at Sarhad University,
 - ii. For courses that were taken more than five years back, the contents are still valid and match with those currently being taught.
 - iii. The semester duration matches with that of Sarhad University. Thus 16 credit hours taken in a quarter (10 weeks of teaching) will be considered equivalent to 10 credit hours of a semester of 16 weeks of teaching.
4. In no case, the credits of exempted courses can exceed from 50% of the overall credit hours for any degree program of interest at Sarhad University.
5. Applicant will have to pay the prevalent course exemption fee.
6. Exempted courses will be reflected on the Transcript but will not count towards CGPA computation.

20. Library

All SSC's have spacious libraries with adequate and comfortable seating. These are run by a qualified librarians, and are well-stocked with several thousand books and journals. The following rules, subject to change /modification by the Library Committee of the University, shall be followed:

- a. A card, known as 'Library Card', shall be issued to each student/person permitted to borrow books from the library. Such cards shall be strictly non-transferable and shall have to be presented at the time of using Library facilities.
- b. A borrower who loses his/her card shall immediately inform the Librarian in writing. A duplicate card will be issued to him/her on payment of prescribed fee at SSC.
- c. Books shall be issued to the students and staff only.
- d. Books shall not be transferred from one person to another.
- e. If a person obtains more than one membership by concealing the facts or in any other way, his/her subsequent membership(s) will be cancelled and a fine will be levied for further usage of the library facilities.
- f. No Books shall be issued to a defaulting borrower, unless he/she returns the books borrowed previously

- and pays the due fine.
- g. The borrower who fails to return books at the time of stock-taking shall be liable to fine as decided by the Library Committee.
- h. Manuscripts, reference books as well as reserved materials will not be issued.
- i. The members shall have to conduct themselves in an orderly manner. Silence is a must in the Library.
- j. The Library administration will have the right to cancel the membership of a person who misbehaves with the library staff, is found taking away the books/reading material without the knowledge of the Librarian, or is involved in such activities which are detrimental to the interest of the library. The library staff administration can also recall a book, if needed, and the members are required to meet any such demand.

21. Laboratories

SSCs has well equipped laboratories with adequate number of computers in computer labs and related training tools in other laboratories. Following rules shall be applicable on laboratories at SSCs:

- a. All laboratories shall remain open during the office hours. After office hours, permission may be granted for laboratory use under special circumstances.
- b. No software shall be installed on laboratory PCs without the prior, written consent of the System Administrator/ Laboratory In-charge.
- c. Students shall be allowed to use internet in a laboratory when no class is in progress.
- d. All laboratories provide no-smoking environment and hence all are expected to refrain from smoking.
- e. Viewing obscene material in the laboratories is strictly prohibited and disciplinary action shall be taken against offenders.
- f. In case of technical problem, Laboratory In-charge should be immediately approached.

22. Award of University Gold Medal

Gold Medals shall be awarded to students who fulfill the following conditions:

- a. Pass all the University examinations in first attempt and complete the course in prescribed number of semesters/ terms / years.
- b. Secure a CGPA of at least 3.00 on a scale of 4.00 in Semester system or 1st division in Term/Annual system.
- c. Secure Highest CGPA in his/her discipline. In case of tie between two or more students, aggregate marks obtained in all examinations will form the basis. If still there is a tie, more than one Gold Medal will be awarded.
- d. Improvement/appearance in make-up exams will disqualify an individual for gold medal.
- e. Transferred / migrated student (s) or those who improve their grades by appearing in makeup or regular examinations will not be entitled for award a Gold Medal.
- f. Candidate in any discipline or UFM case by the University or disciplinary committee or unfair means committee will not be entitled for award a Gold Medal.

23. Rechecking / Re-Totaling

Any student, who is not satisfied with his/her marks /grade in a course can apply for rechecking, within 15 days of the declaration of result. Application for rechecking will be accepted on payment of prescribed fee. Initially only re-totaling will be performed and the paper examined for any unchecked/ unmarked the paper will be sent to the concerned grade of rechecking/ re-making if some anomaly is observed.

24. Students, Code of Conduct:

Every student shall observe the following code of conduct:-

- a. Demonstrate sincerity in fulfilling religious duties and show respect for the beliefs, customs, and conscience of others.
- b. Uphold loyalty to Pakistan and avoid any actions that may harm its honor, image, or dignity.
- c. Ensure timely payment of tuition fees and semester dues.
- d. Practice truthfulness and honesty in all personal and academic dealings.
- e. Show respect to elders and be courteous to all—especially women, children, the elderly, the differently-abled, and the vulnerable.
- f. Respect teachers, administrative staff, and all figures of authority within the university.
- g. Maintain cleanliness in personal hygiene, language, behavior, and daily habits.
- h. Be helpful, kind, and cooperative toward fellow students and members of the community.
- i. Stay committed to academic responsibilities and actively participate in healthy extracurricular activities like sports.
- j. Preserve and protect public and private property; avoid vandalism or misuse of university facilities.
- k. Refrain from participating in any political activities, student unions, or unauthorized societies within or outside the campus.
- l. Exhibit academic integrity—avoid cheating, plagiarism, or any dishonest academic conduct.
- m. Use mobile phones and digital devices responsibly; no usage during lectures unless permitted.
- n. Use university internet and IT resources ethically and lawfully.
- o. Attend all classes regularly and punctually.
- p. Follow the university's dress code by dressing modestly and professionally on campus.
- q. Always carry your university ID card while on campus premises.
- r. Avoid any behavior that could endanger the safety or security of others.
- s. Use social media responsibly; do not post content that could damage the university's reputation.
- t. Understand that violations of this code may result in disciplinary action, including warnings, suspension, or expulsion.

25. Rustication and Expulsion:

I- Rustication:

Rustication, whenever imposed on a student, shall always mean the loss of one semester or one academic year so far his/her appearance in a University examination is concerned. The rusticated

student may be admitted in the University on the expiry of the rustication period.

ii- Expulsion

- a. The period of expulsion will be counted from the date of issue of such a notice by the University/SSC. Expulsion period can vary.
- b. Name of the expelled student will immediately be removed from the Department's rolls.
- c. A student expelled from a Department/SSC can not be re-admitted into that Department after the expiry of the period of expulsion and without the approval of the competent authority.
- d. Cases of expulsion will be registered in the university and notified to all SSCs and universities.

26. Appeal:

- i. An appeal against the punishment imposed by the Discipline Committee can be made to the Appellate Committee.
- ii. No appeal by any student against the decision of the Disciplinary Committee shall be entertained unless it is presented within thirty days from the date on which the decision is communicated to him/her.

Note: This code of conduct will repeal all previous Regulations relating to expulsion and rustication or any other instructions relating to the maintenance of discipline among the students.

27. General:

- i. The authority, which has the power to rusticate can also withdraw the same order before the expiry of the period.
- ii. When in the opinion of the Discipline Committee the rustication or expulsion is not called for in a case referred to it, may impose any other penalty or penalties mentioned in the University Code of Conduct & Discipline Regulations.

28. Conduct & Discipline Regulations

The Discipline Committee constituted by the SSC management shall have the authority and jurisdiction to deal with and decide all cases of indiscipline in accordance with the University/SSC Code of Conduct and Discipline Regulations mentioned in clause 29. These regulations shall apply to all students on the rolls of the University.

29. University/SSC Code Of Conduct & Discipline Regulations

Penalties That May Be Imposed By The University/SSC Authorities For Various Offences Committed

OFFENCE	PENALTY
01. Using/carrying of alcoholic drinks or other intoxicating drugs within the University Campus/SSC or University/SSC Hostels or during Study Tours or Cultural Tours or Survey Camps, any such tours of any other University/College or such outside the campus under the influence of such intoxicants or misbehaving with others, especially females, during tours, etc.	Expulsion from the University or debar from classes for one week and/or fine not exceeding Rs.20,000/-.
02. Found involvement in sales or purchase of narcotics.	Expulsion from the university and/or fine of Rs.45000/-
03. Bringing, carrying or firing of arms or any other weapon (of any nature/type) within the University campus/SSC or classrooms or examination halls or offices of the University/SSC.	Expulsion from the university for upto two semesters / one year and /or fine not exceeding Rs.20,000/-.
04. Formation of societies, groups or other associations outside the bounds defined by the university/SSC authorities.	Warning for the first time, expulsion from the University on repetition and/or fine of Rs. 10,000/-.
05. Organizing or taking part in any function/gathering within the University campus/SSC or hostel or organizing any club or society of students or students association, unions or federation, except in accordance with the prescribed rules and regulations.	Expulsion and / or fine not exceeding Rs. 30,000/-.
06. Collecting money or receiving funds or pecuniary assistance for or on behalf of the University/SSC, except with the written permission of the Vice Chancellor.	All money supposed to have been collected shall be confiscated in favor of the University and/or fine not exceeding Rs. 30,000/-.
07. Exhibiting immoral / indecent behavior and/or exposure. Or Disobeys the lawful order of a teacher or other person in authority in the University/SSC.	Warning for the first time, expulsion from the University on repetition and/or fine of Rs. 10,000/-.
08. Misbehaving and or/ not cooperating with faculty members, University/SSC proctors, Hostel Wardens, other authorities, or mistreating fellow students.	Permanent expulsion from the university or up to two years, depending on the nature and gravity of the offence and/ or fine not exceeding Rs. 30,000/-.
09. Use of abusive, derogatory, or offensive language against University/SSC authorities, teaching or administrative staff, students, or visitors.	Permanent expulsion from the university or expulsion up to three years, depending on the nature and gravity of the offence and/ or fine not exceeding Rs. 45,000/-

10. Using loudspeakers or mega-phones in the University campus/SSC or in the University/SSC hostels or making provocative speeches or gestures which may cause resentment or doing anything in anyway which is likely to promote rift and hatred among various ethnic and religious groups or castes of students community.	Fine not less than Rs.10,000/- AND / OR Stern warning.
11. Issuing statements in the press, making false accusations against the University/SSC or University/SSC Authorities or members of teaching staff / administrative staff.	Fine not less than Rs.10,000/- AND / OR Stern warning.
12. Conducting or inciting or participating in violent attack on the offices of the University/SSC authorities, Chairmen, faculty members or any other officers of the University/SSC or	Expulsion from the university for upto two semesters / one year and/or Fine not exceeding Rs. 20,000/-.
13. Staging or inciting or forcing fellow students to a walkout from classes or examination halls or organizing, conducting or participating in strikes or agitation or violence against the University/SSC authorities or members of teaching or administrative staff or disrupting the classes or any other academic activity of the University/SSC being held inside or outside the campus.	Permanent expulsion from the university or expulsion up to two years, depending on the nature and gravity of the offence and/or fine not exceeding Rs. 30,000/-.
14. Casting aspersions or using abusive and derogatory language in speeches, pamphlets or posters against the University/SSC authorities or members of teaching or administrative staff of the University/SSC.	Permanent expulsion from the university or expulsion up to three years, depending on the nature and gravity of the offence and/or fine not exceeding Rs. 45,000/-.
15. Physically manhandling, beating or disgracing the University/SSC authorities or members of the teaching or administrative staff of the University/SSC or committing an act of moral turpitude against fellow students.	Permanent expulsion from the university or expulsion up to three years, depending on the nature and gravity of the offence and/or fine not exceeding Rs. 45,000/-.
16. Damaging/destroying or trying to damage/destroy the property (movable or immovable) of the University/SSC or University/SSC employees or stealing or taking away by force any item of University/SSC property.	Recovery of the amount equal to the value of the damage caused; and / or fine not exceeding Rs. 20,000/- and / or Rustication from the University.
17. Switching off or restricting access to services, electric equipment or creating hurdles in access to university/SSC facilities.	Permanent expulsion from the university or expulsion up to two years, depending on the nature and gravity of the offence and/ or fine not exceeding Rs. 30,000/-
18. Obstructing or hindering the free and uninterrupted entry or exit of students, staff, or visitors at the university/SSC gates or within the university/SSC premises, including creating any form of blockade.	Expulsion from the university or fine not exceeding Rs. 45,000/-
19. Conviction of any of the above offense for the second time by the University Disciplinary Committee (UDC).	Expulsion from the university.

30. Penalties for Acts of Un-Fair Means in Examinations

No.			Report	Status	Penalty				
1.	POSSESSION	A	One paper case	Not copied	a. Failed	As per I with fine			
					b. Passed	As per I without fine			
			Copied	a. Failed	As per I with fine				
				b. Pass	As per I with fine				
		B	Two papers case	Not copied in both papers	a. Failed in both	As per I in each with fine			
					b. Passed in one	As per I in each with fine			
					c. Passed in both	As per I in each with fine			
				Copied in one paper	a. Failed in both	As per II with fine			
					b. Passed in one	As per II with fine			
					c. Passed in both	As per I in each with fine			
				Copied in both papers	a. Failed in both	As per II with fine			
					b. Passed in one	As per II with fine			
					c. Passed in both	As per II with fine			
				C	Three or more papers case shall be dealt with at a higher punishment level than that provided for two papers case and penalties imposed shall not be less than B above depending upon the nature of the case.				
2.	Page Removal	A	Removal of sheets from scripts or continuation sheet			As per I with fine			
		B	Using abusive words in answer books on the report of the Examiner						
		C	Smuggling of question paper outside the hall.						

Penalties for Acts of Un-Fair Means in Examinations (Continue)

No.		Report	Status	Penalty
3.	Cheating by Force	A	Refusing to handover cheating materials.	As per III with Fine
		B	Disobeying Supervisory staff.	
		C	Cheating by force	
4.	Smuggling of Answer Book	A	Smuggling Answer Book or Answer Sheets in / out of the Examination Hall.	As per III with Fine
		B	Misbehaving with the Supervisory staff / Inspector.	
5.	Firearms / Impersonation	A	Possession or display of firearms	As per IV with Fine and the case may be referred to police.
		B	Impersonation: 1) Real Candidate 2) Impersonator Any act other than above.	
6.	Mobile Phone Case	A	Possession / Holding of mobile	As per I with Fine
		B	Using Mobile	As per I with Fine
7.	Staging / Smuggling of Question Paper	A	Staging a walkout or persuading others to do so.	As per II with Fine
		B	Writing wrong Roll No. to deceive inspector / supervisory staff.	
8.	Threatening	A	Assault on Supervisory staff / Inspector	As per V with a Fine and the case may be referred to police.
		B	Damaging/spoiling/parting other candidates answer book or any other important document/item related to examination.	

Penalties for Acts of Un-Fair Means in Examinations (Continue)

No.		Report	Status	Penalty
9.	Tempering	A	Unauthorized Centre change.	As per II with Fine
		B	Tempering.	As per III with Fine
10.	About Supervisory Staff		If any member of the Supervisory staff or inspector is found guilty of an act inconsistent with the fair discharge of his duty shall be liable for disqualification from examination duties for a period of ten years and shall not be entitled for payment of the TA/DA and remuneration for the subject examination.	
11.	Absent in UFM Committee		If a candidate fails to appear before the UFM Committee, the committee will proceed according to the rules and impose relevant penalty as per rules.	

DESCRIPTION OF UFM COMMITTEE PENALTIES:

As per I: This paper is cancelled and Fine up to Rs.2000/-
As per II: This Examination is cancelled and Fine up to Rs.3000/-
As per III: This Examination is cancelled and also disqualified for the next examination and Fine up to Rs.5000/-
As per IV: This Examination is cancelled, fine up to Rs.20000/- and expulsion from the University. *
As per V: This Examination is cancelled, fine up to Rs.25000/- and expulsion from the University.

* If the impersonator is not on the rolls of the university/affiliated institution/DEC but holds a degree or diploma conferred or granted by the University, the Registrar shall register a case with the Local Police under section 419 PPC, and shall send intimation to this effect to the concerned Vice Chancellor for cancellation of his/her Degree/diploma/certificate.

Special Provisions:

The University authorities reserve the right to make any change in these Academic Rules at any time without prior notice. In all cases where these Academic Rules are silent, the decisions of the Vice-Chancellor shall be final.

LEGAL STATUS

The University is recognized by the Higher Education Commission of Pakistan and established under Ordinance No. XXIV/2001 of the Government of Khyber Pakhtunkhwa. The Governor of Khyber Pakhtunkhwa is the Patron of the University. The Ordinance of the University provides for a Board of Governors which exercises general supervision over the affairs of management of the University. The Board of Governors of the University is the highest executive authority of the University, which comprises personalities of high standing in the academic and professions both from the public and private sectors of higher education. The Board has all the powers necessary to formulate the statutes, regulations and policies aimed at high academic standards in respect of all academic programs run by the University from Undergraduate to Postgraduate Level. The Board also enjoys powers to frame laws and policies aimed at recruiting persons of eminence in academics for senior slots in the academic hierarchy who are able to give their best to the students. The Rules & Regulations mentioned in the Prospectus are approved by the statutory bodies of the University and are fully binding on the students taking admission in any degree/diploma program of the University under this legal document. The University reserves the right to amend any rule/regulation at any stage.

NOTICE

This Prospectus is published in June 2026 and shall remain in force if it is revised. Every effort has been made to ensure the accuracy of the information given in this publication, but the University reserves the right to make changes in regulations, courses, fees, etc. at any time before or after a candidate's admission without prior notice.

Documents to be attached with Admission Form

☐	Matric DMC & Provisional Certificate / Secondary School Certificate
☐	Intermediate DMC & Provisional Certificate / Higher Secondary School Certificate
☐	Equivalency Certificate from IBCC (for A Level / other then BISE students)
☐	Bachelors DMC & Provisional Certificate / Bachelor Degree
☐	Masters DMC & Provisional Certificate / Master Degree
☐	Copy of Computerized National Identity Card / Form-B
☐	Domicile Certificate
☐	Four Recent Passport Size Photographs - Blue Background

For Foreign Nationals

☐	NOC from the Pakistan Embassy of the respective Foreign County
☐	Duly filled HEC Foreign Student's Information Sheet
☐	Copy of valid Passport along with Visa
☐	English Language Proficiency Certificate attested by Pakistan Embassy in relevant country
☐	Equivalence Certificate from IBCC / HEC (for foreign qualification)
☐	Photocopies of all previous educational certificates/degrees attested by the concerned Embassy and Pakistan Foreign Office

* Two copies of all documents must be attached with admission form.

* All documents must be attested by a gazetted officer

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