



"SILVER JUBILEE YEAR 1995 - 2020"

PROSPECTUS

2020 - 21





SHAHEED ZULFIKAR ALI BHUTTO INSTITUTE OF SCIENCE & TECHNOLOGY

THE VISION

SZABIST aims to be a globally recognized institute for excellence in education, research, development, and distinction in service.

THE MISSION

SZABIST is committed to produce highly qualified professionals to:

- Meet national and global contemporary needs;
- Conduct cutting edge research and development;
- Provide hi-tech scientific and technological expertise;
- Meet current and future socio-economic challenges;
- Meet global citizenship responsibility.

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SHAHEED ZULFIKAR ALI BHUTTO



January 5, 1928 - April 4, 1979
Former Prime Minister of Pakistan

"We will give science and technology requirements the highest priority and our attention. To implement any program of scientific and technological development, the country needs to train scientific manpower. In this, the schools, colleges and universities have to play their role. I desire that vast number of people of Pakistan should acquire technological skills. I want first-class science in Pakistan because nothing less is acceptable. And I wish Pakistan to be increasingly self-reliant in all aspects of technology."

Address at the Inauguration Ceremony of Karachi Nuclear Power Plant, Karachi, Pakistan, November 28, 1972.

SHAHEED MOHTARMA BENAZIR BHUTTO



June 21, 1953 - December 27, 2007
Former Prime Minister of Pakistan,
Founding Chancellor SZABIST

"Technology and Communication have changed our world and are influencing a global culture. The ability to google information from anywhere in the world puts technology into the hands of even the most isolated rural communities in the developing world. The more people learn, the more they want to learn. The more they interact, the less likely they will be to fear the unknown. Just as democracy and educational exchange promote peace, the free flow of modern technology and communication promote peace."

Reconciliation: Islam, Democracy and the West, 2008.

CHANCELLOR'S MESSAGE



I welcome you to join the Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST), one of the most prestigious higher education institutions of Pakistan.

At SZABIST, we believe that innovative thoughts and high ideals teach the values of hard work and diligence. We prepare our students for professional careers, therefore, we offer a wide variety of humanities, science and technological programs including Management Sciences, Computer Sciences, Social Sciences, Media Sciences, Mechatronics Engineering, Biosciences, Education, Public Health and Law. The curriculum of each traditional and emerging program is approved by the Higher Education Commission

(HEC), Pakistan and is taught by highly qualified and competent faculty members.

To achieve the mission of our founding Chancellor Shaheed Mohtarma Benazir Bhutto i.e. providing opportunity for high quality tertiary education and research to the youth in different areas of Pakistan, SZABIST, has a presence in Karachi, Islamabad, Larkana and Hyderabad, and an overseas campus in Dubai, UAE. We are also developing our campus at Ghara for Engineering and Applied Sciences.

At SZABIST, you will become part of a community that believes research is an integral part of academic excellence. We encourage participation in research and extra-curricular activities enabling our student to realize and nurture their true and intellectual and professional potential.

SZABIST also offers numerous scholarships and financial assistance to make education accessible and affordable for all of its students. In order to augment student's learning experience and continuously improve the standard of education, the Institutional Research Department/Quality Enhancement Cell periodically assesses all programs to enhance the quality of education being imparted.

SZABIST is investing considerable resources for renovation and upgradation of its infrastructure and acquisition of additional physical facilities for its campus. A "Library Hub" is being established to fulfill emerging research and academic requirements.

As I welcome the new students, I encourage them to strive for excellence, and while they equip themselves with marketable skills, they should actively work to promote the values of a tolerant, inclusive and pluralistic society.

The motto of SZABIST is to provide students the opportunity to experience university life in a way that helps them to discover themselves whilst focusing on their professional goals. So I wish you success in your years at SZABIST.

Dr. Azra Fazal Pechuho
Chancellor
SZABIST

PRESIDENT'S MESSAGE



It is my pleasure to welcome prospective students to Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST), a tertiary education institute known for its high quality and broad range of undergraduate and postgraduate programs and premium learning environment. SZABIST believes in encouraging students to discover their talent and strengths, and achieve their educational, professional, and personal aspirations.

Over the past 21 years, SZABIST's national and international market reputation has been significantly enhanced. This is evident from the increased enrollment of about 11,000 students in its five campuses-Karachi, Larkana, H y d e r a b a d , Islamabad and Dubai (UAE).

SZABIST, guided by the vision of its Founding Chancellor, Shaheed Mohtarma Benazir Bhutto, is today a leading higher education institution for the youth of Pakistan aspiring for a high quality, relevant education. Our diversified academic portfolio offers a range of courses in 8 Bachelors, 13 Masters and 4 Doctoral level programs in the field of Management, Computing, Social Sciences, Media, Engineering, Biosciences, Public Health, Education and Law. This prospectus provides you with comprehensive information about our programs. The Institute, in compliance with the requirements of Higher Education Commission, has developed curricula which not only relates to prevailing market demand but also prepares students with the knowledge and skills for the future needs of Pakistan's growing economy.

We are proud of our competent faculty and professionals who teach according to rigorous academic standards, evolving market requirements and provide a supportive environment for personal development. In addition to a wide spectrum of disciplines as presented in this Prospectus, SZABIST also offers exciting opportunities for co-curricular activities. Our Student Societies organize debates, drama, sports competitions, guest speaker sessions, workshops, and build networks with the Alumni and renowned companies for assistance in job placements.

Moreover, at 94% SZABIST has one of the highest ranking Quality Enhancement Cells (QECs) amongst Pakistani universities. Quality assurance measures are rigorously applied through tools such as Program Self-Assessment Reports, feedback of relevant stakeholders, publications and fulfilling documentation requirements of the regulatory authorities.

We hope you will become part of the SZABIST community of students and graduates and ultimately the global network of SZABIST alumni.

Shahnaz Wazir Ali
President
SZABIST

VICE PRESIDENT'S (ACADEMICS) MESSAGE



The whole purpose of education is to create "Analytical Minds". The purpose is incomplete without significant contribution in the society. The prime slogan of SZABIST is to serve the society, not only through conventional learning but also through co-curricular and extra curricular activities.

SZABIST – while celebrating its **25th Silver Jubilee** year in 2020, which unfortunately is a year affected the world community due to COVID-19. This has caused a complete paradigm shift from the traditional face to face learning. SZABIST is one of such universities, which accepted the challenge to successfully manage itself on online education at all its campuses in Karachi, Islamabad, Larkana, Hyderabad & Dubai. This success was made

possible due to the availability of good IT-infrastructure and due to the will and complete professionalism of its entire faculty and staff.

SZABIST programs under each department are in compliance with HEC recommended course plans and are accredited by respective regulatory bodies such as NBEAC, NCEAC, PEC and CIEC.

Our students, called SZABISTIANS, feel pride belonging to a community of professionals. Our strength is our ERP implemented through our own software house ZABSOLUTIONS. We utilize modern IT tools in teaching and managing all our academics and campus activities to ensure efficient working environment. We follow all prescribed quality education standards through ongoing and systematic assessments round the year. We have been continuously getting more than 90% score during the last five years by QEC/HEC.

We do not merely believe on traditional classroom studies but go beyond by providing numerous opportunities to our students to engage them in various co-curricular and extra-curricular activities. We strongly believe in developing their personalities which we ensure through conducting seminars and guest lectures frequently by eminent personalities through our student societies.

The learning outcomes of the programs have been carefully designed to compel the students for critical & creative thinking, to acquire problem-solving skills and to professionally handle all pedagogical tools. We are fully aware that a University without Research is like a "Body" without "Soul"; therefore, we give high priority to all types of research activities.

Being an academician, I know the significance of providing "Counseling" to the students at every step in their academic career which helps in setting their directions as I believe "Direction" is more important than "Speed".

Finally, I welcome you once again and wish you success. Selecting SZABIST as your career-building institution, I assure you that you will be groomed and nurtured for meeting your future career challenges after completion of your academic degree program.

Prof. Dr. M. Altaf Mukati
Vice President (Academics)
SZABIST

VICE PRESIDENT DEVELOPMENT AND FINANCE MESSAGE



Welcome to the 2019-2020 academic year at SZABIST!

SZABIST established by Shaheed Mohtarma Benazir Bhutto and run under the guidance of its Chancellor Dr. Azra Fazal Pechuho has emerged into a leading higher education institution that plays a pivotal role as a center of education recognized for its excellence in producing highly qualified graduates.

Here you will be provided an academically and professionally rewarding experience that aims at ensuring harmonious development of your mind and body to enable a creative, ethical, smart and holistic personality.

As the new academic year starts you are encouraged to take advantage of the wide range of services and facilities available, the student events, programs, seminars and festivals that will make your life at SZABIST interesting. Get involved to make the most of your time and gain the experience that makes you the smart individual that can meet the future challenges.

We are here to support you in every way and welcome you to a fulfilling and interesting academic year.

Nasreen Haque

Vice President (Development and Finance)
SZABIST

VICE PRESIDENT ADMINISTRATION MESSAGE



I extend a warm welcome to you at Shaheed Zulfikar Ali Bhutto Institute of Science and Technology. Over the years, Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) has excelled in the field of education and has produced some of the most well qualified and outstanding graduates.

The unfailing dedication and vision of Shaheed Mohtarma Benazir Bhutto has led SZABIST to grow into an exceptionally well established institution. Today SZABIST has developed into a strong multidisciplinary institution with campuses in Karachi, Hyderabad, Larkana, Islamabad and Dubai. It provides an opportunity to students to acquire quality education and establish their future in obtaining jobs at renowned national and

international organizations.

We at SZABIST are dedicated to the purpose of helping students to adjust to university life and to discover their skills and talents.

SZABIST is truly proud of the role students play in the life of the institution.

It is hoped that the Prospectus 2020 will serve as a useful guide in planning out your academic journey and I hope each of you have a well learning experience here at SZABIST.

With best wishes

Dr. Arshad Saleem

Vice President Administration
SZABIST

INTRODUCTION

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) is highly ranked and fully chartered institute of Pakistan established through a Legislative Act of Sindh Assembly (Sindh Act No. XI of 1995). It is approved and recognized by the Higher Education Commission (HEC), Pakistan, as a degree awarding institution. All the programs offered at SZABIST are consistent with the guidelines set by HEC and other regulatory bodies, for example, National Business Education Accreditation Council (NBEAC), National Computing Education Accreditation Council (NCEAC).

SZABIST is nurturing the intellect of more than 11,000 enrolled students through its five campuses located in Karachi, Hyderabad, Larkana, Islamabad and Dubai. Also, up till now, degrees have been awarded to almost 14,500 graduates. In addition, the employability of the SZABIST's alumni is not only restricted to key positions at National organizations, but also at International organizations, place them at distinguished positions.

SZABIST Larkana offers undergraduate and graduate degrees in two diversified disciplines including: Management Science, Computer Science.

SZABIST is ranked as one of the most reputed university by HEC and Chartered Inspection and Evaluation Committee (CIEC). SZABIST Business School has been rated as "Outstanding" by CIEC and HEC, Pakistan.

The Institute has signed MoUs with various reputable and distinguished organizations and institutions such as, Istanbul Medipol University Turkey; University of London, UK; Association of Chartered Certified Accountants (ACCA), British Council, and Cisco Networking Academy.

SZABIST Larkana Campus is situated in the prime location of the city i.e. Sachal Colony, Near Bakhtawar Garden Larkana

SZABIST is proud to offer education par excellence in the fields that are crucial for Pakistan's socioeconomic development.

PROGRAMS & CURRICULA

DEGREES OFFERED

All programs are not offered at all campuses. Students are required to check with the local campus offering of programs or refer last page of the prospectus.

Bachelor of Business Administration (BBA)

SZABIST Larkana offers a four-year (eight semesters) BBA degree program of 144 credit hours. This is SZABIST's flagship program. For the BBA program, the students are required to complete 46 courses and 3 credit hours Business Project & 3 credit hours Community Service Project. The program includes 42 compulsory courses and 4 elective courses from Management, Marketing, and Finance. To obtain the BBA degree, students have to complete 144 credit hours and six-week internship. The maximum time limit to complete the BBA degree is six years. BBA program is in the process of reaccreditation from ACCA.

BS Accounting & Finance (BS A&F)

SZABIST Larkana offers a four-year (eight semesters) Bachelor of Science (Accounting & Finance) program, consisting of 46 Courses (six courses per semester) and 6 credit hours Research Project. Students have to complete 144 credit hours along with six weeks of internship to obtain the BS Accounting & Finance (BS A&F) degree. The maximum time limit to complete the degree program is six years.

Those who complete BS (A & F) from SZABIST will get exemptions in all foundation papers of ACCA i.e. from F1 to F9.



BS Computer Science (BS CS)

SZABIST Larkana offers a four-year (eight semesters) BS Computer Science degree program which is accredited by National Computing Education & Accreditation Council, (NCEAC). The program covers a wide range of courses in core Computer Science, Information Technology and Software Engineering. The program is essentially a day program and consists of 40 courses (five courses per semester) with a total of 130 credit hours. The complete course plan includes 8 technical electives and 4 university electives. These 8 technical electives provide intensive learning in the diversified areas of Computer Science and allied disciplines. Internship opportunities are provided to complete degree requirement. The maximum time limit to complete the degree program is six years.



Master of Business Administration (MBA)

MBA program has been designed to impart quality professional knowledge and understanding of modern management tools, leadership, entrepreneurial skills, and managerial and communication competencies. SZABIST Larkana offers MBA Evening programs with specialization in Management, Human Resource Management, Marketing, and Finance. The maximum duration to complete MBA degree program is four years.

MBA program is intended for students having a four-year bachelor degree (e.g. BS-CS, BE, BBA etc.) or 16 years of education in different disciplines. The duration to complete this program is two

years with 72 credit hours. Twenty-two courses (66 credit hours) and Business Research Project (6 credit hours) OR Thesis (6 credit hours) is required to complete the program. Students with BBA or equivalent qualification are exempted 36 credit hours of course work and they are required to complete remaining 36 credit hours in 1.5 years. Students are also required to undertake a six week duration of internship during summer and qualify a non-credit course 'Software Tools for Business' or an exam based on MS-Power Point & MS-Excel in lieu of the course to demonstrate proficiency in these tools. The maximum duration to complete the program is four years.

MS Management Sciences (MS MS)

SZABIST Larkana offers MS degree with concentration in the specialized areas of Human Resource Management, Marketing and Finance. The MS program is an evening program. There are two streams available for MS. One Stream is by Course Work and other one is by Research Work. In Course Work Stream, the student is required to complete 10 courses of 3 credit hours each. In Research Work Stream, the student is required to complete 8 Courses and Two IRS OR one Thesis of Six Credit hours. In both the streams, 30 Credit hours to be completed. The time limit to earn an MS degree is from 1.5 to 4 years. as per HEC guideline, all MS students are required to clear GAT General Test or HAT relevant with minimum 50% score

Grading Plan

The following Letter Grade Plan is followed at SZABIST:

Letter	Range	Grade Point	Degree Requirement
A+	90 – 100	4.00	
A	85 – 89	3.75	
A-	80 – 84	3.50	
B+	75 – 79	3.25	
B	70 – 74	3.00	
B-	66 – 69	2.75	MS Degree Requirement
C+	63 – 65	2.50	Master's Degree Requirement
C	60 – 62	2.00	Undergraduate Degree Requirement
C-	55 – 59	1.50	
F	< 55	0.00	

ADMISSION REQUIREMENTS

NOTE:

- All applicants will be required to appear in an entrance test and interview/group discussion held by SZABIST.
- 2 "F" grades in A-Level exam will not be entertained for accredited programs, i.e. BBA, BSCS, etc.
- Equivalency from Inter Board Committee of Chairmen (IBCC) is mandatory for O & A Levels/High School Diploma /IB Diploma or equivalent.
- High School Diploma or International Baccalaureate (IB) students appearing for examination from Pakistan shall have to pass Islamiyat, Pakistan Studies & Urdu. Verification of last degree from Higher Education Commission of Pakistan (HEC) is mandatory for all Masters Students.
- Equivalency of international degrees from Higher Education Commission of Pakistan (HEC) is mandatory for all Masters Students.
- Students waiting for results can also apply.
- Admission of Foreign students are subject to clearance from the relevant Agencies/NoC from HEC.

BACHELOR DEGREE PROGRAMS

For admission in the BBA/BS(A&F)/BS (CS) programs, the candidate must have completed O-Levels (minimum 8 passes) and A-levels (minimum 3 passes)/12* Grades Intermediate with minimum 50 marks (including first year with no supplementary) or equivalent from a recognized institution.

For BS Computer Science, candidates with mathematical background will be preferred.

A-Level Grade	Equivalent Intermediate %
A	85
B	75
C	65
D	55
E	45

MASTER DEGREE PROGRAMS

Master of Business Administration (MBA)

For admission in the MBA program, the candidate must possess a 4 years bachelor degree with minimum 2.5 CGPA or 16 years of education with minimum 55% marks from a university recognized by the HEC.

Master of Science in Management Sciences (MS MS)

For admission to MS Management Sciences candidates must possess 16 years of relevant education with minimum 55% marks/2.5 CGPA from a university recognized by HEC. GAT (General) or HAT relevant is mandatory for MS students with minimum 50% score.



ADMISSION REQUIREMENTS

Transfer Policies

Transfer into SZABIST can only be accepted for candidates who have studied or are currently studying at HEC recognized universities. Transferring credits must have a minimum letter grade of B or above (or 80% marks). The request for transfers must be made at the time of admission.

Candidates will be required to clear all SZABIST admission requirements.

Bachelor Course Transfer

A maximum of up to 50% credits may be considered for transfer into BBA/BS(A&F) programs.

MBA Course Transfer

A maximum of up to 6 credits may be considered for transfer into the MBA program.

Research Project/Thesis is not transferable.

SZABIST Inter-Campus Transfer

For inter-campus transfer, the candidate must fulfill the admission requirements of the given program at the local campus, as per applicable transfer policy.

All courses/grades are transferable. A transfer fee will be payable for students transferring from any other SZABIST campus.

Certificate Course Transfer

For transfer candidates from the SZABIST Certificate Programs, transferability of certificate courses is as follows:

Maximum 05 courses are transferable in under graduate program.

Maximum 2/3 courses are transferable in Masters or MS program.

Only C- and above grades are transferable into a regular degree program at Bachelors level and B and above are transferable in Masters programs.

Financial Assistance

SZABIST provides a wide range of financial assistance to eligible and deserving students. For instance:

- SZABIST Merit-Based Scholarships
- Sindh Endowment Fund Scholarships
- Baluchistan Endowment Fund Scholarships
- USAID funded Merit and Need-Based Scholarships
- Various community-based scholarships
- SANA FAME scholarship
- Sindh Police Foundation Scholarship
- Ayesha Abdul Fatah Memon Scholarship
- SZABIST Foundation Scholarships
- United Memon Jamat of Pakistan Scholarship

All scholarships cover tuition fee. However; in some cases, scholarships also cover books, boarding, transportation, monthly stipend, and admission fee.

All requests for financial assistance must be made after securing admission.

Admission Test Alternates

For Bachelors Programs

Applicants may submit a minimum 1100/1600* score of SAT I.

The scoring of SAT I will be considered as follows;

SAT score	Test Marks
1500 – 1600	60
1400 – 1499	50
1300 – 1399	40
1200 – 1299	30
1100 – 1199	20

*Candidates securing 100% marks in SZABIST's admission test will be equivalent to 60.

For Masters Programs

50% score of GMAT for Master Programs

LIFE AT SZABIST

FACILITIES

Video Conferencing

SZABIST is the first educational institute in Pakistan that introduced multi-way interactive Video Conferencing (VC) technology in 2004. SZABIST regularly uses VC technology in interactive learning sessions among Dubai, Islamabad, Hyderabad, Larkana and Karachi Campuses as well as in conducting seminars, lectures and presentations with foreign universities. Video Conferencing has been the most effective mode at SZABIST in bringing in live and interactive guest lecturers from national and international experts. Video Conferencing technology opens the door to exciting and valuable learning experiences. By allowing access to and interaction with resources that might have otherwise been too inconvenient or expensive, Video Conferencing ensures a highly enriched learning environment. By taking the lead in opening this field in educational practices, SZABIST also lead in creating the most advantageous nexus between cutting-edge technology and effective learning.

Conferences/Forums/Seminars/Guest Lectures

To increase awareness and understanding of information technology and business-related issues, many conferences, forums, seminars and guest lectures are organized regularly. These seminars and lectures are in continuation of the Institute's policy towards entrepreneurship development and networking. Seminars are conducted and attended by the leading figures from business and industry as these sessions address various business practices.

Center for Professional Development (CPD)

In a fast-changing world, a successful professional needs to keep learning and developing their professional skills to keep up. That's where professional development comes in. There are many skills that can help you succeed at work, so 'professional development' covers Leadership, Communication, Planning and Critical thinking. Professional development also includes the accredited sector-specific skills that are unique to your industry.

SZABIST Larkana under its domain of Centre for Professional Development offers several productivity-oriented certificate courses as part of its continuing education program. The courses are developed jointly by the faculty, specialists, and certified trainers in specific subject areas. The courses include CSS/PCS Preparatory classes, ZABWAY Pre-entry test coaching classes, (DICT) Diploma in Communication and Information Technology, JAIBP preparatory classes, Microsoft Certificate courses, (CCNA) Cisco Certified Network Associate.

Classrooms/Labs/Libraries

Classroom sessions at SZABIST are quite different from other professional university setups. Teachers pay individual attention to the limited number of candidates selected purely on merit. Instructors encourage participation instead of a monologue. Students utilize various visual aids for presentations and are always on alert because of the regular unannounced quizzes, assignments and the mid-term exams. All classrooms are air-conditioned and are equipped with multimedia projectors, wall mounted screens and white boards. All classrooms are equipped with computers along with broadband intranet and internet connectivity.

SZABIST computer laboratories are revamped with brand new labs space, furniture and latest machines with giga bite network connectivity to cater students requirements. "Campus licensing" of latest software, including development tools, and operating systems provide an unmatched environment compared to majority of well-reputed universities of Pakistan.

SZABIST has computing facilities supported with 24x7 broadband connectivity of 24 Mbps committed bandwidth to the internet and intranet. SZABIST is Wi-Fi enabled since 2004. Students with 802.11x capable devices (such as laptops, iPads, Cellphones, etc.) can access all network resources wirelessly. SZABIST has acquired Microsoft IT academy and CISCO Networking academy.

SZABIST library hold a rich collection of books, Journals, Magazines through which students can access unlimited number of journals and magazines. This facility is further extended to registered students through SZABIST network on demand.



LIFE AT SZABIST

Research Committee (RC)

SZABIST places high emphasis on research and development and devotes conscious efforts to promote research culture among faculty and students alike. In this regard, a Research Committee (RC) is constituted to coordinate, record, and formalize diverse research activities across different departments and campuses to bring harmony and create an impact for national and international recognition of the university. Research publications produced by faculty and students are given a handsome remuneration depending on the level and merit of publications, vetted by RC. All sorts of participations in national and international conferences by the faculty & staff are approved by the RC. This may also propose a change in research policy for the university to BASR.

Executive Development Center (EDC)

The Executive Development Center (EDC) at SZABIST Larkana facilitates students in completing their degree requirements, professional development, and job/internship placements.

Throughout academic tenure, the students are encouraged to attend customized trainings, personal development programs and presentations by industry experts who share their experiences to help them understand the transition from campus to the corporate world.

EDC compile students' profiles and publishes the annual Graduate Directory in order to market SZABIST graduates to credible organizations.

EDC engages with the Alumni for relationship building, corporate networking and profile update. Its latest initiative is the launch of SZABIST Alumni Global Association (SAGA).

Job & Internship Placements

In collaboration with the industry, EDC arranges on-campus recruitment drives and management trainee programs by reputable national and multinational companies. EDC facilitates students for internships and job openings in the corporate sector throughout the year.

An annual 'Career Fair' is held in the beginning of every year at the campus in which leading companies are invited to discuss their recruitment policies and procedures, their current resource requirements and future vacancies. The students receive an opportunity to interact with company representatives directly.

To bridge the gap between classroom and real world, SZABIST has instituted a mandatory internship program. Apart from enabling students to get the feel of an office environment, internships expose them to potential employers for possible recruitment.

Eligibility for Internship

Masters Degree students with at least two semesters completed at SZABIST.

Bachelors degree students with at least six semesters completed at SZABIST.

Minimum duration of internship is six weeks.

Preference is given to those students who are about to graduate and need an internship as a requisite for their degree completion.



LIFE AT SZABIST

ZAB Solutions

SZABIST has its own software house which develops software for the university and also ensures the complete management and execution of ERP to dynamically handle the affairs of the university. Students also have an opportunity to use this platform to develop their software skills.

Following are the objectives of SZABIST Incubator under the guidance of ZAB Solutions:

1. Provide a practical framework for knowledge and technology transfer to the students.
2. Develop the confidence and competencies for building software and technology enterprise.
3. Involve students in software research and development.
4. Provide high quality research and consultancy services as a resource for companies.
5. Enhance partnerships between the Industry and the Academia.
6. Provide faculty and the students with innovative support facilities.

Many projects are currently under development at the incubator.

ZABFM

ZABFM 106.6 is an in house FM broadcasting station, is an initiative by Shaheed Zulifkar Ali Bhutto Institute of Science & Technology and it was a very substantive step into the field of education, it is an honor for the nation as we are producing the talented and most efficient candidates in the form of great speakers to the nation along with the responsibility of spreading education, awareness, skill & aesthetic approach through the airwaves.

ZABFM 106.6 is the first educational radio with the allotted frequency 106.6 MHz by Pakistan Electronic Media Regulatory Authority (PEMRA) since 18th June 2007, and it is performing 24/7 radio station at Karachi, Islamabad and Larkana simultaneously.

It is a non-commercial radio broadcast station, exclusively to impart and disseminate education to the masses.

The 24/7 programming schedule covers various subjects of life like, career counseling, planning and development, education, infotainment, awareness, research, documentaries, talk shows, sports, travel, science & technology, media, culture & society, technology & inventions, Info tech and social order etc.

Newsletters

SZABIST publishes Newsletter on regular intervals from all its campuses to update about the activity taking place at campuses.



LIFE AT SZABIST

SZABIST Student Council (SSC) Larkana Chapter

The SZABIST Student Council (SSC) since its inception in 2015 has been a body of hardworking, ambitious and talented individuals who are elected under the supervision of the Election Commission of SZABIST with members of its work force also selected by means of an entrance test and screening process all on an annual basis to form the student government at the institute. Since its beginning the philosophy of the student council has been one in congruence with the values espoused in the ideology of SZABIST, those of leadership, art & creativity and tolerance and scientific thought along with serving the community through social work.

Trained to stand by the principles of labour, knowledge and integrity, the SSC membership cutting across all degree programs of the institute aims at helping to explore the talents of all students whilst also playing an intermediary role between the administration/management and student body at large, working towards adding value to student life at SZABIST.

At SZABIST, students are offered a range of activities under the pillars of Leadership, Sports, Community Services, Art and Culture and Technical and the institute is fortunate to have a diverse student body, one that boasts a proud history of achievements in the realms of public speaking, sports, entrepreneurship, music and theatre.



All student societies are placed under the above mentioned thematic pillars, formed as per a prescribed procedure and work under the aegis of the SZABIST Student Council to conduct a wide range of activities to do with sports, entrepreneurship, performing arts like theatre and music, photography, culture, literature, arts public speaking, science and technology, engineering and computing, model United Nations, social welfare, leadership workshops and field trips. SSC also hosts entertainment events, and guides fellow students in addressing issues related to their campus life acting as a forum that becomes the voice of the student body of the institute. Furthermore, SSC has to its chapters in other campuses of SZABIST namely, SSC-Hyderabad Chapter, SSC-Islamabad Chapter SSC-larkana Chapter and SSC-Dubai Chapter under supervision by parent body SSC-Karachi.

The SSC and all its student societies fall under the purview of and are registered with, the Office of Student Advisory once they are formed. To ensure that democratic norms are adhered to, every year proper elections are held for the various offices of these student societies under the supervision of Student Council/Student Advisor/SZABIST Election Commission.

The following clubs/societies are currently active on Campus:

Societies

- Entertainment, Art, Culture and Drama
- Book Reading, Debate and Declamation
- Entrepreneurial & Leadership
- Corporate Social Responsibility
- Sports
- IEEE
- Marketing and Media
- Finance & Economics



LIFE AT SZABIST

National, International Linkages and collaborations

1. Association of Chartered Certified Accountants (ACCA)

Under this MoU, SZABIST has acquired nine courses exemption (F1-F9) for its BS A&F program and four courses exemption for its regular BBA program. This facility is provided by ACCA Global for all SZABIST Campuses.

Through this collaboration, SZABIST BBA students and alumni will benefit from a substantial fee waiver in acquiring ACCA professional qualification.

2. Sindh Police

This MoU is aimed at providing complete tuition fee waiver to the children of Shaheed police officers who successfully secure admission in SZABIST.

3. National ICT R&D Fund

According to this partnership, eligible and deserving students enrolled in ICT-related programs will be provided scholarship covering 100% tuition fee and stipend for lodging, books, transportation, and food.

4. Ihsan Trust

The MoU with Ihsan Trust is aimed at provision of Qarz-e-Hasna (Interest-free Loan) facility up to 100 % of tuition fee to SZABIST students.

5. Project Management Institute Islamabad Chapter

The objective of this agreement is to promote project management awareness and collaborate with academia to nurture young professionals as well as project management practices.

6. CISCO Networking Academy

SZABIST Campus is an authorized CISCO Network Academy to conduct IT-essentials, CCNA routing & switching and CCNA security certification.



FACULTY OF MANAGEMENT SCIENCES



FACULTY OF MANAGEMENT SCIENCES

The faculty of management sciences at SZABIST equips students for leadership roles in business. SZABIST offers multidisciplinary course work to provide students with a world. The course work at SZABIST is an intensive study in the latest curriculum through activity and strategy-based methodology and concentration in marketing, Finance, human resource management.

PROGRAM AND FACULTY

Every effort has been made to design an academic program at SZABIST which conforms to the standards of internationally recognized universities and caters to the needs of the business and industry.

VISION

SZABIST faculty of management sciences (FMS) Larkana Aspire to become one of the leading business education institute in the country for excellence services distinction in research and innovation.

Mission

SZABIST faculty of management sciences is committed to:
Produce highly qualified business professionals to meet dynamics and challenging contemporary needs
Generate scientific knowledge and expertise for business and economic solutions.
Build sustainable environment for corporate an entrepreneurial mindset
Serve the community through student, faculty and alumni collaboration.

FACULTY OF MANAGEMENT SCIENCES

BBA

SZABIST offers a four-year (eight semesters) BBA degree program of 144 credit hours. For the BBA Program, the students are required to complete 46 courses and a 3 credit hours Business Project & 3 credit hours Community Service Project. The courses include 42 compulsory courses and 4 electives from Management, Marketing, and Finance. To obtain the BBA degree, the students have to complete 144 credit hours and an internship. The degree needs to be completed within six years. BBA program is in the process of reaccreditation from ACCA.

First Year

Fall Semester

BA 1108	IT in Business
BA 1109	Personal Management and Communication
BA 1203	Management Principles
BA 1206	Oral Communication and Presentation Skills
BA 1113	Islamic Studies
BA 2307	Sociology

Spring Semester

BA 1101	Introduction to Accounting
BA 1102	Microeconomics
BA 1105	English Writing Skills
BA 1204	Maths for Business
BA 1213	Pakistan Studies
BA 2312	Human Behavior

Second Year

Fall Semester

BA 1201	Financial Accounting
BA 1211	Logic and Critical Thinking
BA 3504	Organizational Behavior
BA 2303	Marketing Principles
BA 1202	Macroeconomics
BA 2406	Business and Electronic Communication

Spring Semester

BA 2311	Business Statistics
BA 2411	Cost and Management Accounting
BA 2301	Introduction to Business Finance
BA 2402	Retail Management
BA 2403	Business Ethics
BA 3507	Consumer Behavior

Third Year

Fall Semester

BA 3501	Financial Markets and Institutions
BA 3508	Media Management
BA 3605	Statistical Inference
BA 4706	Development Economics
BA 4801	Law and Taxation
BA xxxx	University Elective -I (as offered by Campus)

Spring Semester

BA 3601	Financial Management
BA 3602	Marketing Management
BA 3603	Business Research Methods
BA 3607	Operations Management
BA 4804	Human Resource Management
BA xxxx	University Elective-II (as offered by Campus)

Fourth Year

Fall Semester

BA 3502	Entrepreneurship
BA 4814	Project Management
BA 4705	Services Marketing
BA 4710	Business Project
BA 4xxx	Elective 1
BA 4xxx	Elective II

Spring Semester

BA 3505	Quantitative Skills
BA 3609	Pakistan Economy
BA 4704	Management Information Systems
BA 4810	Community Service Project
BA 4xxx	Elective IV
BA 4xxx	Elective-III

FACULTY OF MANAGEMENT SCIENCES

UNIVERSITY ELECTIVE

(To be offered by the campus as Compulsory courses)

BA 3506	Foreign Languages
BA 3519	Current Affairs
BA 3613	World Economy
BA 3614	Business Analysis and Forecasting*
BA 3619	Enterprise Management
BA 4701	Islamic Banking and Finance*
BA 4707	Marketing Research*
BA 3515	Graphic Design for Multimedia*
BA 3621	Professional Development
BA 3521	Auditing
BA 3522	Social Advocacy and Community Service

ELECTIVES

Finance

BA 4115	Derivatives
BA 4214	Micro Finance
BA 4218	Financial Research
BA 4735	Islamic Banking and Finance*
BA 4719	Investment Banking
BA 4724	Financial Modeling
BA 4727	Dynamics of Banking
BA 4734	International Banking
BA 4752	Financial Reporting and Analysis
BA 4756	Econometrics
BA 4831	Portfolio and Investment Management
BA 4833	Security Analysis
BA 4834	Treasury and Funds Management
BA 4855	Financial Risk Analysis
BA 4867	Business Analysis and Forecasting*

Marketing

BA 4116	Supply Chain Management
BA 4125	Emerging Media
BA 4126	Trade Marketing
BA 4217	Experiential Marketing
BA 4836	Marketing Research*
BA 4721	Advertising
BA 4722	Brand Management
BA 4739	Export Marketing
BA 4815	Event Management
BA 4816	Industrial Marketing
BA 4821	Media Planning
BA 4824	Sales Management
BA 4842	Graphic Design for Multimedia*
BA 4859	Product Innovation and Design
BA 4866	Integrated Marketing Communications

Management

BA 4116	Supply Chain Management
BA 4117	Salary and Compensation
BA 4711	Change Management
BA 4712	Industrial Relations and Labor Laws
BA 4713	Leadership and Motivation Techniques
BA 4812	Recruitment and Selection
BA 4813	Training and Development
BA 4815	Event Management
BA 4826	Talent Management
BA 4837	Performance Appraisal
BA 4844	Operations Research

*University Elective can be taken as an Elective if not offered by the Campus as a compulsory course.

All courses may not necessarily be offered every year. Alternate courses may be substituted as and when required. Full-time academic load is six courses (18 credit hours). All students are required to register for full load in the first semester.

Internship

The internship is scheduled for summer at the end of third year. After completion of the 6-week internship, all students are required to submit a comprehensive report giving details of their experience and learning.

FACULTY OF MANAGEMENT SCIENCES

BS Accounting & Finance

BS (A&F) is a four years (eight semesters) program and consists of 144 credit hours of teaching. Students are required to complete 46 courses and a 6 credit hours of final year project along with six weeks of internship to graduate. Students completing BS (A&F) will get exemptions in all foundation papers of ACCA i.e. from F1 to F9. The maximum duration to complete this degree program is six years.

First Year

Fall Semester

AF 1101	Business Mathematics
AF 1102	Computer Concepts and Applications
AF 1104	Introduction to Financial Accounting
AF 1105	Pakistan Studies
AF 1203	Communication Skills
AF 1205	Islamic Studies/Humanities

Spring Semester

AF 1103	English Comprehension
AF 1207	Business Management and Ethics
AF 1201	Advanced Financial Accounting
AF 2303	Introduction to Psychology
AF 2304	Introduction to Sociology
AF 2405	Principles of Microeconomics

Second Year

Fall Semester

AF 1202	Calculus for Business Studies
AF 1206	Principles of Marketing
AF 2302	Cost Accounting
AF 2305	Organizational Behavior
AF 3505	Principles of Macroeconomics
AF 4703	Introduction to Business Finance

Spring Semester

AF 2301	Business and Technical English Writing
AF 2401	Management Accounting
AF 3501	Accounting and Financial Information Systems
AF 2402	Management Information Systems
AF 2404	Money and Banking
AF 2406	Statistics and Probability

Third Year

Fall Semester

AF 3607	Corporate Accounting
AF 3511	Auditing -I
AF 3506	Statistical Inference
AF 3507	Financial Institutes and Markets
AF 3606	Taxation
AF 3608	Islamic Banking and Finance

Spring Semester

AF 3611	Auditing II
AF 2403	Marketing Management
AF 3605	Financial Reporting
AF 4701	Business and Labor Law
AF 4702	Financial Management
AF 3609	Business Research Methodologies

Fourth Year

Fall Semester

AF 1204	Introduction to HRM
AF xxxx	Accounting Elective-I
AF 4707	Company Law
AF 4801	Corporate Finance
AF xxxx	Finance Elective-I
AF 3603	e-Commerce

Spring Semester

AF 2306	Pakistan Economic Policy
AF 3504	Entrepreneurship and Small Business Management
AF xxxx	Accounting Elective-II
AF 4808	Final Project
AF xxxx	Finance Elective-II

All courses may not necessarily be offered every year. Alternate courses may be substituted as and when needed. Fulltime academic load is 18 credit hours. All students are required to register for full load in first semester.

Internship

The internship is scheduled for summer at the end of third year. After completion of the 6 week internship, all students are required to submit a comprehensive report, giving details of their experience and learning.

ELECTIVES

Accounting

AF 4722	Advanced Performance Management
AF 4721	Advanced Audit and Assurance
AF 4822	Strategic Business Reporting
AF 4723	Forensic Accounting
AF 4821	Public Sector Accounting

FACULTY OF MANAGEMENT SCIENCES

Finance

AF 4725	Analysis of Investment and Management of Portfolios
AF 4825	International Finance
AF 4824	Financing of SME
AF 4823	Financial Risk Analysis

AF 4826	Quantitative Data Analysis
AF 4724	Advanced Financial Management
AF 4727	Dynamics of Banking
AF 4728	Financial Modeling
AF 4726	Behavioral Finance

MBA Program

For students with 4-year undergraduate degree/16-years of education, the duration of the MBA program is 2 years. Twenty-two courses (66 credits) and Research Project (6 credits) or Thesis (6 credit hours) are needed to graduate. Students are also required to complete a six-week internship and qualify a non-credit course 'Software Tools for Business' or an exam based on MS-Power Point & MS-Excel in lieu of the course. The maximum duration to complete this degree is 4 years.

First Year

Fall Semester

BA 5301	Financial Accounting*
BA 5419	Business Management and Ethics*
BA 5418	Managerial Communication*
BA 5502	Quantitative Tools for Managers*
BA 5302	Microeconomics*
BA 5106	Marketing Management*

Spring Semester

BA 5402	Macroeconomics*
BA 5205	Human Resources Management*
BA 5411	Cost and Management Accounting*
BA 5401	Introduction to Business Finance*

BA 5405	Statistical Inference*
BA 5501	Applied Research Methods

Second Year

Fall Semester

BA 5308	International Business
BA 5601	Strategic HRM
BA 5105	Financial Management*
BA 5203	Strategic Marketing
BA 5xxx	Elective-I
BA 5508	Research Project-I (3 Credits) OR
BA 5507	Thesis-I (3 Credits)

FACULTY OF MANAGEMENT SCIENCES

Spring Semester

BA 5104	Strategic Management
BA 5208	Strategic Finance
BA 5xxx	Elective-II
BA 5xxx	Elective-III
BA 5xxx	Elective-IV
BA 5608	Research Project - II (3 Credits)
BA 5607	OR Thesis-II (3 Credits)

* Exempt courses for BBA and Equivalent degree holders

The students with 4-year BBA/BABS/BS (Accounting & Finance)/BS (Entrepreneurship) or equivalent degree are exempted 36 credit hours of course work. Minimum duration of degree for such students will be 1.5-year with following program structure:

First Year

Fall Semester

BA 5501	Applied Research Methods
BA 5203	Strategic Marketing
BA 5601	Strategic HRM
BA 5208	Strategic Finance

Spring Semester

BA 5104	Strategic Management
BA 5xxx	Elective-I
BA 5xxx	Elective-II
BA 5508	Research Project-I (3 Credits) Or
BA 5507	Thesis-I (3 Credits)

Second Year

Fall Semester

BA 5308	International Business
BA 5xxx	Elective-III
BA 5xxx	Elective-IV
BA 5608	Research Project-II (3 Credits) Or
BA 5607	Thesis-II (3 Credits)

All courses may not be offered in every semester. Alternative courses may be substituted as and when required.

*A student may take either Research Project or Thesis.

ELECTIVES

Finance

BA 5131	Advance Financial Management
BA 5132	Analysis of Financial Statements
BA 5133	Corporate Finance
BA 5134	Derivatives
BA 5135	Financial Markets and Institutions
BA 5138	Econometrics
BA 5139	Financial Risk Analysis
BA 5151	International Finance
BA 5155	Mergers and Acquisitions
BA 5179	Commodity Pricing
BA 5187	Business Analysis and Forecasting
BA 5229	Financial Modeling
BA 5232	Portfolio and Investment Management
BA 5254	Fundamentals of Financial Engineering
BA 5262	Behavioral Finance
BA 5284	Theory and Practice of Lending
BA 5192	Financial Management Policy
BA 5294	Venture Capital and Private Equity
BA 5298	Financial Reporting and Analysis

Human Resource Management

BA 5114	Leadership and Motivation Techniques
BA 5118	Compensation Management
BA 5117	Performance Appraisal
BA 5159	Salary and Compensation
BA 5164	Human Resources Information Systems
BA 5165	Job Analysis and Design
BA 5167	Talent Management and Succession Planning
BA 5185	Leadership Development
BA 5193	HR Operations and Business Partnering
BA 5196	Conflict Resolution
BA 5215	Recruitment and Selection
BA 5216	Training and Development
BA 5239	HR Policy Development
BA 5251	Human Resource Development
BA 5285	Performance Management

FACULTY OF MANAGEMENT SCIENCES

- BA 5292 HR Analytics
- BA 5297 Human Capital Development and Analytics
- BA 5335 Human Resource Audit
- BA 5332 Contemporary Issues in Human Resource Management
- BA 5435 Human Resource Management and Technology
- BA 5452 Psychological Contract in Organisations

Management

- BA 5111 Business Process Re-engineering
- BA 5112 Change Management
- BA 5113 Industrial Management and Labor Relations
- BA 5116 Industrial Relations and Labor Laws
- BA 5136 Business Strategy and Policy
- BA 5152 Event Management
- BA 5172 Entrepreneurial Business Strategy
- BA 5213 Project Management
- BA 5295 Crisis Management
- BA 5334 Corporate Sustainability
- BA 5242 Lean Six Sigma Manufacturing
- BA 5434 Hospitality and Tourism Management
- BA 5333 Business Theory
- BA 5433 Business Application

Marketing

- BA 5121 Advertising
- BA 5122 Brand Management
- BA 5123 Consumer Behavior
- BA 5124 Customer Relationship Management
- BA 5126 Export Marketing
- BA 5127 Global Marketing
- BA 5129 Services Marketing
- BA 5171 Strategic Advertising
- BA 5182 Trade Marketing
- BA 5186 Social Marketing
- BA 5199 Integrated Brand Communication
- BA 5217 Industrial Marketing
- BA 5224 Media Planning and Management

- BA 5225 Personal Selling
- BA 5226 Pharmaceutical Marketing
- BA 5227 Sales Management
- BA 5228 Retail Management
- BA 5246 Public Relations
- BA 5256 Integrated Marketing Communications
- BA 5259 Emerging Media
- BA 5264 Interactive Global and Regional Marketing
- BA 5269 Marketing Intelligence
- BA 5281 Digital Marketing
- BA 5286 Media Marketing
- BA 5293 New Product Development Process and Innovation
- BA 5296 Rural Marketing
- BA 5198 Experiential and Content Marketing
- BA 5299 Media Management
- BA 5141 Public Relations Management
- BA 5438 Marketing Practices in Pakistan
- BA 5331 Marketing Analytics
- BA 5339 Packaging for Brands
- BA 5337 Retail Strategy and Structure
- BA 5437 Retail Supply Chain Management
- BA 5436 Retail Operation
- BA 5336 Retail Buying and Merchandising
- BA 5451 Strategic Entrepreneurship

Internship

All MBA students are required to complete a 6-week internship. Completion of internship is a degree requirement for all MBA programs. Students can produce their current employment record as an alternative to the internship program provided such employment experience is recognized by SZABIST.

Compulsory Course/Exam

All MBA students are required to successfully qualify a non-credit course 'Software Tools for Business' or an exam based on MS-Power Point & MS-Excel in order to qualify for degree. Students will have a choice to take the course or exam if he/she can demonstrate the required level of skills. Course and Exam will be offered each semester, where the course outline and learning objectives will be available for student's information to decide whether to take the course or apply for exam directly.

FACULTY OF MANAGEMENT SCIENCES

Master of Science in Management Sciences

There are two streams available for Master of Science in Management Sciences. One Stream is by Course Work and other one is by Research Work. In Course Work Stream, the student is required to complete 10 courses of 3 credit hours each. In the Research Work Stream, the student is required to complete 8 Courses and Two IRS OR one Thesis of Six Credit hours. In both the streams, 30 Credit hours to be completed. The time limit to earn an MS degree is from 1.5 to 4 years. The detail of two streams is as follows:

1. MS By Course Work Stream

The Scheme of Study is as follows:

- Six Compulsory Courses
- Four Electives
- No IRS or Thesis

Compulsory Courses

MS 5137 Research Methods and Techniques
MS 5204 Quantitative Tools for Research
MS 5132 Applied Strategic Management
MS 5104 Strategic Marketing Decisions
MS 5318 Strategic Finance
MS 5238 Strategic Human Resource Development

Electives (Electives in any of following areas subject to the offering of Course)

- Finance
- Marketing
- Human Resource Management

First Year

Fall Semester

MS 5137 Research Methods and Techniques
MS 5132 Applied Strategic Management
MS 5238 Strategic Human Resource Development
MS 5104 Strategic Marketing Decisions

Spring Semester

MS 5204 Quantitative Tools for Research
MS 5318 Strategic Finance
MS 5xxx Elective I
MS 5xxx Elective II

Second Year

Fall Semester

MS 5xxx Elective III
MS 5xxx Elective IV

2. MS By Research Work Stream

The Scheme of Study is as follows:

- Six Compulsory Courses
- Two Electives
- Two IRS OR Thesis

Compulsory Courses

MS 5137 Research Methods and Techniques
MS 5204 Quantitative Tools for Research
MS 5132 Applied Strategic Management
MS 5104 Strategic Marketing Decisions
MS 5318 Strategic Finance
MS 5238 Strategic Human Resource Development

Electives (Electives in any of following areas subject to the offering of Course)

- Finance
- Marketing
- Human Resource Management

First Year

Fall Semester

MS 5137 Research Methods and Techniques
MS 5132 Applied Strategic Management
MS 5238 Strategic Human Resource Development
MS 5104 Strategic Marketing Decisions

Spring Semester

MS 5204 Quantitative Tools for Research
MS 5318 Strategic Finance
MS 5xxx Elective I
MS 5xxx Elective II

Second Year

Fall Semester

MS 5xxx IRS I and IRS II OR
MS 5xxx Thesis (Part I)

Spring Semester

MS 5xxx Thesis (Part II) If Any

FACULTY OF MANAGEMENT SCIENCES

ELECTIVES

Finance

- MS 5113 Financial Time Series
- MS 5103 Managerial Economics
- MS 5105 Econometrics
- MS 5111 Derivatives and Financial Risk
- MS 5115 Operations and Mathematical Modeling
- MS 5134 Behavioral Finance
- MS 5206 Modern Financial Applications
- MS 5215 Corporate Finance
- MS 5217 Corporate Finance Planning and Decisions
- MS 5218 Financial Markets
- MS 5237 Business Finance and Decision Making
- MS 5414 Applied Econometrics
- MS 5421 Capital Asset Pricing Model
- MS 5425 Empirical Asset Pricing
- MS 5317 Seminars in Finance
- MS 5426 Mathematical Modeling in Finance
- MS 5412 Islamic Banking and Finance

Marketing

- MS 5249 Advance Marketing Strategy
- MS 5301 Seminars in Marketing
- MS 5422 Distribution and Channel Management
- MS 5424 Strategic Brand Management
- MS 5429 Marketing Metrics
- MS 5431 Strategic Entrepreneurial Marketing
- MS 5432 Strategic Social Marketing
- MS 5428 Global Marketing Strategies
- MS 5433 Advertising Research
- MS 5434 Behavioral Marketing

Human Resource Management

- MS 5101 Change Management
- MS 5102 Organizational Development
- MS 5202 Organizational Strategies and Effectiveness
- MS 5203 Global Corporate Strategy
- MS 5205 International Business Management
- MS 5211 Creative Leadership
- MS 5216 Corporate Governance
- MS 5225 Leadership and Motivation Techniques
- MS 5229 Negotiations and Conflict Resolution
- MS 5241 Public Administration and Governance
- MS 5245 System Thinking and Organizational Learning
- MS 5303 Issues in Strategic Management
- MS 5415 NGO Management
- MS 5423 Global Governance and Development
- MS 5427 Seminars in HRM

Elective courses may vary from time to time. All courses may not necessarily be offered every year. Alternate courses may be substituted as and when required.

Students cannot register in Independent Research Study (IRS) OR thesis without completing six compulsory courses.

Maximum course load for a semester is 4 courses (12 credit hours). Summer is not a regular semester; therefore, courses are not offered on a regular basis in summer. A student can take maximum two interdisciplinary elective courses in MBA program with the prior approval of respective program managers.



FACULTY OF COMPUTING



FACULTY OF COMPUTING

BS (computer science) program is offered by the department of computer science which runs under the Faculty of computing. The objective of the BS (Computer Science) Program is to inculcate a broad-based Rudimentary education in computer science. The students would acquire sufficient fundamental knowledge to adapt quickly to the changes that are occurring and will continue to occur during their professional careers. The program involves analysis, development and implementation of mathematical algorithms to solve computational problems, understanding computer electronics, Study of operating systems, languages, compilers, data communication and networks, solving Complex computing problems, designing man –to -machine interfaces, security, mobile computing and so on.

FACULTY OF COMPUTING

BS Computer Science

The program is offered through a well-trained foreign qualified faculty. It consists of 40 courses (five courses per semester) with a total of 130 credit hours. BSCS Program is accredited by NCEAC. The maximum time to complete the degree is six years.

BS (Computer Science) COURSE PLAN (ROADMAP)

Sem.	Codes	Course Title	Cr.Hrs.		Pre-Req.
First Year					
Fall Semester					
	CSC 1108	Introduction to Computer Science	2, 0	2	
	CSCL 1108	Lab : Introduction to Computer Science	0, 1	1	
	CSC 1103	Fundamentals of Programming	3, 0	3	
	CSCL 1103	Lab : Fundamentals of Programming	0, 1	1	
	CSC 1102	English Composition and Comprehension	3, 0	3	
	CSC 1101	Calculus and Analytical Geometry	3, 0	3	
	CSC 1107	Applied Physics	2, 0	2	
	CSCL 1107	Lab : Applied Physics	0, 1	1	
			16		
Spring Semester					
	CSC 2103	Digital Logic Design	3, 0	3	CSC 1107
	CSCL 2103	Lab: Digital Logic Design	0, 1	1	
	CSC 1208	Object Oriented Programming Techniques	3, 0	3	CSC 1103
	CSCL 1208	Lab: Object Oriented Programming Techniques	0, 1	1	
	CSC 2101	Communication and Presentation Skills	3, 0	3	CSC 1102
	CSC 2105	Statistics and Probability	3, 0	3	
	CSC xxxx	University Elective-1	3, 0	3	
			17		
Second Year					
Fall Semester					
	CSC 2201	Computer Organization and Assembly Language	3, 0	3	
	CSCL 2201	Lab: Computer Organization and Assembly Language	0, 1	1	
	CSC 2102	Data Structures and Algorithms	3, 0	3	CSC 1208
	CSCL 2102	Lab: Data Structures and Algorithms	0, 1	1	
	CSC 1201	Discrete Mathematical Structures	3, 0	3	
	CSC 4102	Professional Practices	3, 0	3	
	CSC xxxx	CS Supporting-1	3, 0	3	
			17		
Spring Semester					
	CSC 3202	Design and Analysis of Algorithms	3, 0	3	CSC 2102
	CSC 2204	Finite Automata Theory and Formal Languages	3, 0	3	
	CSC 2203	Database Systems	3, 0	3	CSC 2102
	CSCL 2203	Lab: Database Systems	0, 1	1	
	CSC 2206	Linear Algebra	3, 0	3	
	CSC xxxx	University Elective-2	3, 0	3	
			16		

FACULTY OF COMPUTING

Third Year					
Fall Semester					
	CSC 3201	Compiler Construction	3, 0	3	CSC 2204
	CSC xxxx	CS Supporting-2	3, 0	3	
	CSC 2205	Operating Systems	3, 0	3	CSC 2102
	CSCL 2205	Lab: Operating Systems	0, 1	1	
	CSC 3109	Software Engineering	3, 0	3	
	CSC xxxx	CS Supporting-3	3, 0	3	
			16		
Spring Semester					
	CSC 4101	Artificial Intelligence	3, 0	3	CSC 1201
	CSCL 4101	Lab: Artificial Intelligence	0, 1	1	
	CSC 3205	Computer Networks and Data Communications	3, 0	3	
	CSCL 3205	Lab: Computer Networks and Data Communications	0, 1	1	
	CSC 4xxx	CS Elective-1	3, 0	3	
	CSC 4xxx	CS Elective-2	3, 0	3	
	CSC 1205	Technical and Business Writing	3, 0	3	
			17		
Fourth Year					
Fall Semester					
	CSC 4xxx	CS Elective-3	3, 0	3	
	CSC 4xxx	CS Elective-4	3, 0	3	
	CSC 4105	Final Year Project-I	0, 3	3	
	CSC xxxx	University Elective-3	3, 0	3	
	CSC 4106	Parallel and Distributed Computing	3, 0	3	CSC 2205
			15		
Spring Semester					
	CSC 4xxx	CS Elective-5	3, 0	3	
	CSC xxxx	University Elective-4	3, 0	3	
	CSC 4205	Final Year Project-II	0, 3	3	
	CSC 4201	Information Security	3, 0	3	
	CSC 4202	Pakistan and Islamic Studies/Humanities	4, 0	4	
			16		
			130		

**A CSC xxxx Mathematics deficiency course will be offered to those students who have limited mathematical background (if deemed necessary by relevant PM/HOD).

FACULTY OF COMPUTING

CS ELECTIVES

CSC 4802	Android Application Development
CSC 4703	Applied Data Mining
CSC 4803	Auditing Information Systems
CSC 4804	Business Process Re-engineering
CSC 4705	Control Systems
CSC 4805	Data and Network Security
CSC 4504	Organizational Behavior
CSC 4604	Research Report
CSC 4505	Systems Administration
CSC 4807	Embedded Programming
CSC 4708	Enterprise Resource Planning
CSC 4808	Ethical Hacking
CSC 4709	Internet Business Models
CSC 4809	iOS Development
CSC 4712	IT Innovations
CSC 4713	Managing Data-Center Projects
CSC 4812	Mechatronics
CSC 4813	Modeling and Simulation
CSC 4714	Network Security and Encryption
CSC 4815	Software Engineering-II
CSC 4814	Software Project Management
CSC 4716	Switching and Routing
CSC 4816	Technopreneurship
CSC 4717	Web Technologies-I
CSC 4817	Web Technologies-II
CSC 4718	Wireless and Mobile Technologies
CSC 4823	Interaction Design
CSC 4719	Game Development
CSC 4721	Introduction to Cloud Computing
CSC 4822	Software Engineering Economics
CSC 4818	Data Sciences
CSC 4824	Embedded Systems
CSC 4825	Computer Graphics

UNIVERSITY ELECTIVES

Each campus may offer university electives as per convenience and availability of resources. The Electives being offered at Karachi Campus as are as follows:

CSC 4501	Business and Technology Ethics
CSC 4606	Psychology
CSC 4605	Sociology
CSC 4601	Foreign Languages
CSC 4502	Design and Creativity
CSC 4602	History of Scientific Ideas
CSC 4503	Introduction to Accounting
CSC 4603	Management Principles
CSC 4504	Organizational Behavior
CSC 4604	Research Report
CSC 4505	Systems Administration

COMPUTER SCIENCE SUPPORTING COURSES

Coverage of relevant pre-requisite will be ensured while allowing any of the following courses from this category:

CSC 2122	Differential Equations
CSC 1202	Multi-variate Calculus
CSC xxxx	Graph Theory
CSC xxxx	Theory of Programming Languages
CSC xxxx	Numerical Computing

DISTRIBUTION OF CREDIT HOURS

Course Group		Cr. Hrs.	%
Computing	Core Courses	39	30%
	Supporting Areas	12	9%
	General Education	19	15%
Computer Science	Core Courses	24	18%
	Electives	15	12%
	Supporting Courses	9	7%
University Electives		12	9%
Total		130	100%

Internship

The internship is scheduled for summer at the end of third year. After completion of the six-week internship, all students are required to submit a comprehensive report giving details of their experience and learning.

ACADEMIC CALENDAR 2020-21 (Larkana Campus)

ACADEMIC CALENDAR 2020-21

FALL 2020

WEEK	COMMENTS
1	Course Registration
2	
3	
4	
5	Teaching Evaluation
6	Teaching Evaluation
7	
8	Mid-Term Exams
9	
10	
11	Last Week to Withdraw from Courses
12	
14	
15	
16	
17	Final Exam Week
18	Final Exam Week
	New Faculty Meeting/Orientation

Classes Commencement Date

Larkana Campus:	October 05, 2020
Karachi Campus:	September 28, 2020
Islamabad Campus:	October 05, 2020
Dubai Campus:	October 03, 2020
Hyderabad Campus:	September 14, 2020

ACADEMIC CALENDAR 2020-21 (Larkana Campus)

ACADEMIC CALENDAR 2020-21

SPRING 2021

WEEK	COMMENTS
1	Course Registration
2	
3	
4	
5	Teaching Evaluation
6	Teaching Evaluation
7	
8	Mid-Term Exams
9	
10	
11	Last Week to Withdraw from Courses
12	
14	
15	
16	
17	Final Exam Week
18	Final Exam Week
	New Faculty Meeting/Orientation

Classes Commencement Date

Larkana Campus:	Februray 15, 2021
Karachi Campus:	Februray 01, 2021
Islamabad Campus:	Februray 22, 2021
Dubai Campus:	Februray 20, 2021
Hyderabad Campus:	Februray 01, 2021

CAMPUS WISE PROGRAMS OFFERING

PROGRAMS OFFERING AT DIFFERENT CAMPUSES OF SZABIST

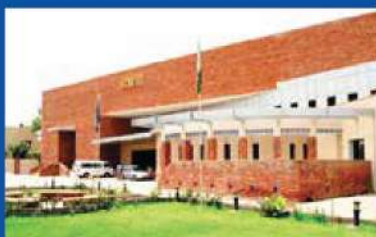
PROGRAMS	CAMPUS				
	Karachi	Islamabad	Larkana	Hyderabad	Dubai
Bachelor of Business Administration (BBA)	√	√	√	√	√
BA (Hons.) in Business Studies (BABS)	√				
BS Accounting & Finance	√	√	√	√	
Bachelor of Science Entrepreneurship	√				
BS Computer Science	√	√	√	√	√
BS Software Engineering		√		√	
Bachelor of Media Science	√	√			√
BS Social Science	√	√			
BE Mechatronic Engineering	√				
BS Bioscience	√				
BS Biotechnology	√				
Bachelor of Law (LLB)	√				
Bachelor of Business Studies (BBS)				√	
Bachelors in Education	√				
Master in Business Administration (MBA)	√	√	√	√	√
Executive MBA	√	√			√
Masters in Project Management	√	√			√
Professional MBA		√			
MBA Banking & Finance	√				
Masters in Human Resource Management		√			
Master of Advertising	√				
MA Education	√				
MS Public Health (MSPH)	√				
MS Biosciences	√				
MS Computer Science	√	√			√
MS (CS) with specialization in Software Engineering	√	√			√
MS (CS) with specialization in Networks & Security	√	√			√
MS Media Studies	√				
MS Management Science	√	√	√		
MS Developmental Studies		√			
MS Social Sciences		√			
MS Educational Leadership and Management	√				
MS Project Management	√	√			
MS (Mechatronic Engineering)	√				
MS International Relations	√				
MS Economics	√				
MS Psychology	√				
MS Sociology	√	√			
PhD International Relations	√				
PhD Economics	√				
PhD Psychology	√				
PhD Sociology	√				
PhD in Computer Science	√	√			
PhD in Management Sciences	√	√			
PhD Educational Leadership and Management	√				
PhD Biosciences	√				

We just Don't Work Hard We Work Smart



Disclaimer

This prospectus is only informational and should not be taken as binding on the institute. The institute, therefore, reserves the right to change any rule, regulation and guideline applicable to the program and the student whenever it is deemed appropriate or necessary, and it will be binding on all continuing and new students for all programs at all campuses.



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