SZABIST

SHAHEED ZULFIKAR ALI BHUTTO
INSTITUTE OF SCIENCE & TECHNOLOGY

**Discover
Yourself**

PROSPECTUS
2019-20

Shaheed Zulfikar Ali Bhutto Institute of Science & Technology

Karachi - Islamabad - Larkana - Hyderabad - Dubai

www.lrk.szabist.edu.pk

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.

CONTENTS

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, now has four campuses in Pakistan-Karachi, Islamabad, Larkana and Hyderabad, and an overseas campus in Dubai, UAE.

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 you to realize and nurture your true 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 monitor and 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, develop freedom of thought and speech, and while they equip themselves with marketable skills, they should actively work to free our beloved country from bigotry and ignorance.

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, Hyderabad, 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 documentary 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

Welcome and thank you for your interest in SZABIST, which is a recognized degree awarding institution and enjoys a high reputation within academia. The founding mission of this institution was to provide a high-quality education to students of great promise, and today we remain resolute in our obligation. As you visit our website, you will discover an institution committed to preparing students in diversfied areas of learning, such as Management Sciences, Computer Science, Media Sciences, Biosciences, Education & Social Sciences, Mechatronic Engineering and Law. 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

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 Larakana

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

INTRODUCTION

13th Convocation
Larkana Campus
Friday, March 1, 2019

13th Annual Convocation 2019

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 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 an ACCA accredited program; those who complete the BBA degree from SZABIST Larkana, will get an exemption in 06 out of 09 ACCA Foundation exams (F1, F2, F3, F6, F7 and F9).

Bachelor of Science in Computer Science (BS CS)

SZABIST offers a four-year (eight semesters) degree program that 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.

Bachelor of Science in Accounting & Finance (BS A&F)

SZABIST offers a four-year (eight semesters) Bachelor of Science (Accounting & Finance) program, consisting of 46 Courses (six courses per semester) and a 6 credit hours Final 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 an exemption in ACCA papers from F1 to F9.**

PROGRAMS & CURRICULA

Masters 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 program 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) are 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. The maximum duration to complete the program is four years.

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	PhD Degree Requirement
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 "E" 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 Islamiat, 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

BBA/BS(A&F)/BS(CS) 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)/12th Grade/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.

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 Foundaiton 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 1.
The scoring of SAT 1 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 regulary. 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 unmatchable 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 constancy 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 begining 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, to its chapters in other campuses of SZABIST namely, SSC-Hyderabad Chapter, SSC-Islamabad Chapter SSC-larkana Chapter and SSC-Dubai Chapter under supervison 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 an 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 businesses and industry.

Vision

SZABIST Faculty of Management Sciences (FMS) Larkana aspires to become one of the leading business education institute in the country for excellence in education and services distinction in research and innovation.

Mission

SZABIST Faculty of Management Sciences is commited to:
- Produce highly qualified business professionals to meet dynamic and challenging Contemporary needs.
- Generate scientific knowledge and expertise for business and Economic solutions.
- Build sustainable environment for corporate and entrepreneurial mindset.
- Serve the community through student, faculty and alumni collaboration.

FACULTY OF MANAGEMENT SCIENCES

SZABIST offers a four-year 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 & Finance. To obtain the BBA degree, the students have to complete 144 credit hours and an internship. The degree needs to be completedwithin six years. BBA Program is an ACCA accredited program; those who complete the BBA degree from SZABIST Larkana, will get an exemption in 06 out of 09 ACCA Foundation exams (F1, F2, F3, F6, F7 and F9).

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 2408	Cost 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
BA 4833	Management 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 an exemption in ACCA modules 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 Business Research Project (6 credits) or Thesis (6 credit hours) are needed to graduate. Students are also required to complete a six-week internship. The maximum duration to complete this degree is 4 years.

First Year

Fall Semester

BA 5301	Financial Accounting*
BA 5419	Business Management & Ethics*
BA 5418	Managerial Communication*
BA 5502	Quantitative Techniques for Managers*
BA 5404	Micro Economics*
BA 5106	Marketing Management*

Spring Semester

BA 5402	Macro Economics*
BA 5205	Human Resources Management*
BA 5411	Cost & 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 xxxx	Elective-I
BA 5506	Business Research Project-I (3 Credits) OR
BA 5507	Thesis-I (3 Credits)

Spring Semester

BA 5104	Strategic Management
BA 5208	Strategic Finance
BA 5xxx	Elective-II
BA 5xxx	Elective-III
BA 5xxx	Elective-IV

FACULTY OF MANAGEMENT SCIENCES

BA 5606   Business 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 5506   Business 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 5606   Business 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 Business Research Project or Thesis.

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

Banking
BA 5137   International Banking
BA 5175   Banking Operations
BA 5184   Financial Product Regulations
BA 5231   Islamic Banking and Finance
BA 5235   Treasury and Funds Management
BA 5244   Investment Banking
BA 5273   Prudential Regulations
BA 5278   Banking Crises and Management

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
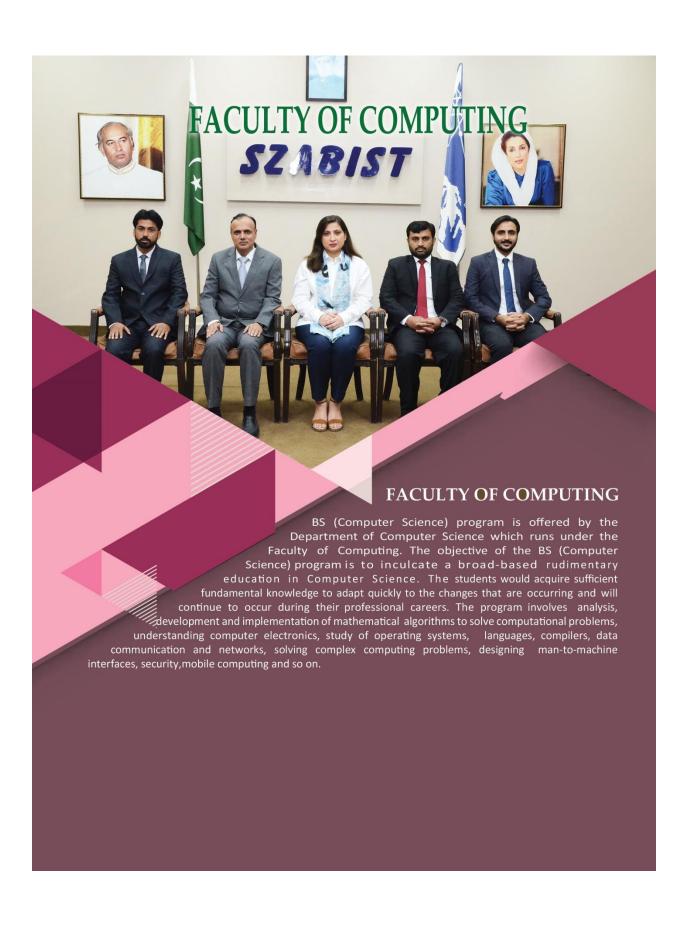BA 5292   HR Analytics

FACULTY OF MANAGEMENT SCIENCES

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

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

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.

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 qualified faculty. It consists of 40 courses (five courses per semester) with a total of 130 credit hours. 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 deficincy course will be offered to those students who have limited mathemetical backgound (if deemed necessary by relevent 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 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 xxxx   Interaction Design
CSC 4719   Game Development
CSC 4721   Introduction to Cloud Computing
CSC xxxx   Software Engineering Economics
CSC 4818   Data Sciences
CSC xxxx   Embedded Systems
CSC xxxx   Computer Graphics

UNIVERSITY ELECTIVES

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

CSC 4501   Business and Technology Ethics
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

COMPUTER SCIENCE SUPPORTING COURSES
Coverage of relvant pre-requisit will be ensured while allowing any of the following course for this category:

CSC xxxx   Differnitatial Equations
CSC xxxx   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	47	36%
	Supporting Areas	12	9%
	General Education	15	12%
Computer Science	Core Courses	18	14%
	Electives	21	16%
	Supporting Courses	11	8%
University Electives		6	5%
	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 2019-20 (Larkana Campus)

FALL 2019

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:	September 09, 2019
Karachi Campus:	September 02, 2019
Islamabad Campus:	September 02, 2019
Dubai Campus:	September 07, 2019
Hyderabad Campus:	August 19, 2019

ACADEMIC CALENDAR 2019-20 (Larkana Campus)

SPRING 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	
13	
14	
15	
16	
17	Final Exam Week
18	Final Exam Week
	New Faculty Meeting/Orientation

Classes Commencement Date

Larkana Campus:	February 03, 2020
Karachi Campus:	February 03, 2020
Dubai Campus:	February 01, 2020
Hyderabad Campus:	January 20, 2020
Islamabad Campus:	January 27, 2020

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

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