



SHAHEED ZULFIKAR ALI BHUTTO INSTITUTE OF SCIENCE & TECHNOLOGY



CONTENTS

01

INTRODUCTION

Programs & Curricula Admission Requirements Admission Test Alternates Transfer Policy Financial Assistance	
LIFE AT SZABIST	08
Video Conferencing Conferences/Forums/Seminars/Guest Lectures Professional Development Courses Classrooms/Labs/Libraries Research Committee (RC) Doctoral Committee (DC) Board of Advanced Studies and Research (BASR) Academic Council Office of Research Innovation and Commercialization (ORIC) Executive Development Center (EDC) Jobs and Internships Data Center ZABSolutions ZAB FM 106.6 SZABIST Student Council & Student Societies (SSC) Newsletters National and International Linkages and Collaborations	
FACULTY OF MANAGEMENT SCIENCES	15
Bachelor of Business Administration (BBA) BS Accounting & Finance (BS A&F) Bachelor of Arts in Business Studies (BABS) BS Entrepreneurship (BSE) Executive Master of Business Administration (EMBA) Master of Business Administration (MBA) Master of Project Management (MPM) MS Project Management (MS PM) MS Management Science (MS MS) PhD Management Science (PhD MS)	
INTERNATIONAL PROGRAMS BA (Hons) in Business Studies - Coventry University, UK	31
ACADEMIC CALENDAR 2019-20 Fall 2019 Spring 2020	33
CAMPUS WISE PROGRAMS OFFERING Programs Offering at Different Campuses of SZABIST	35

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 MukatiVice 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 TO SZABIST

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 laid by HEC and other regulatory bodies, for example, National Business Education Accreditation Council (NBEAC), National Computing Education Accreditation Council (NCEAC), National Accreditation Council for Teacher Education (NACTE), and Pakistan Engineering Council (PEC).

SZABIST comprises five campuses located in Karachi, Hyderabad, Larkana, Islamabad and Dubai with a current student population of over 11,000. SZABIST has proudly awarded degrees to over 14,500 talented graduates. Our alumni are sought by national and multinational organizations and hold key positions in several reputable firms at national and international level.

SZABIST offers undergraduate, graduate and post graduate degrees in 6 different disciplines: Management Sciences, Computer Sciences, Media Sciences, Education & Social Sciences, Mechatronic Engineering and Biosciences. In addition, SZABIST offers LLB program and BABS program as external programs in affiliation with University of London and Coventry University, UK respectively. In order to further diversify SZABIST's portfolio, MS and PhD programs in Educational Leadership & Management have been introduced in Fall-2015.

SZABIST is ranked as one of the most reputed university by Higher Education Commission (HEC) and Chartered Inspection and Evaluation Committee (CIEC) Sindh. All programs of SZABIST are conducted under strict compliance of the relevant regulator bodies such as NBEAC, NCEAC, NACTE, PEC and KHDA Dubai. Since 2012, the SZABIST-QEC has been awarded more than 91% in the quantitative assessment by Quality Assurance Agency (QAA) 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; ICRC, Aman Foundation and JS Bank.

SZABIST Karachi Campus is situated in the prime location of Clifton Block 5 (campus units: 79, 90, 100, 153, 154, 172/1, 172/2). Plans are underway for the construction of a purpose-built campus for Management Sciences, Computer Science, Education & Social Sciences, Media Sciences, Mechatronic Engineering, and Biosciences departments. Moreover, the construction of a permanent engineering campus spread over 300 acres at the Education City in Malir (about 20 km from the Karachi Toll Plaza and 36 km east of Karachi Airport) and a Medical and Agricultural Complex over 5000 acres at Gharo (about 30 km away from the Education City) are also in the planning phase.

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

Vision

SZABIST Faculty of Management Sciences aspires to become one of the leading entities for excellence in business education, service, research and innovation.

Mission

SZABIST Faculty of Management Sciences is committed to:

- Produce highly qualified business professionals to meet dynamic and challenging contemporary needs;
- Generate knowledge and expertise for business and economic solutions through research;
- Create an enabling environment for corporate and entrepreneurial outlook;
- Serve the community through student, faculty, and alumni collaboration.



PROGRAMS & CURRICULA

DEGREES OFFERED

All five campuses of SZABIST offer various degree programs in different disciplines please refer page 35 for details.

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, Finance, IT or Supply Chain Management. 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 Karachi, will get an exemption in 06 out of 09 ACCA Foundation exams (F1, F2, F3, F6, F7 and F9).

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 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 an exemption in ACCA papers from F1 to F9.

Bachelor of Arts (Hons) in Business Studies

SZABIST offers a three-year BA (Hons) degree in Business Studies from the Coventry University, UK. Students who complete two years at SZABIST will proceed to complete the third year from Coventry University UK and earn an International degree. Students can also complete BABS degree at SZABIST by opting for 3rd & 4th year of BABS program.

Bachelor of Science in Entrepreneurship (BSE)

SZABIST offers a four-year (eight semesters) BS Entrepreneurship degree program of 144 credit hours. For the BS Entrepreneurship program, the students are required to complete 45 courses and 9 credit hours of Capstone Projects. The courses include 41 compulsory courses and 4 electives. To obtain the BS Entrepreneurship degree, students have to complete 144 credit hours and 2 apprenticeships. Maximum time limit to complete the BS in Entrepreneurship (BSE) degree is six years.

Executive Master of Business Administration (EMBA)

SZABIST offers a two-year EMBA degree program for executives and middle level managers striving for excellence and greater challenges in their career. This distinct program is specifically designed for those executives who aim to improve their efficiency and strategic thinking. The individuals will be able to leverage their rich work experience through our curriculum, interactive sessions, conferences, symposia and a wide corporate network. The EMBA program is spread over four semesters and consists of 66 credit hours. Twenty courses (60 credit hours), one Business Project (3 credit) and one Research Project (3 credit) are required to graduate. Maximum time limit to complete the EMBA degree is four years.

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 offers both MBA Day and Evening programs with specialization in Management, Human Resource Management, Marketing, Finance, Banking, Supply Chain Management, and MIS. 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.

The Chartered Institute of Logistics and Transport (CILT) Certification

The Chartered Institute of logistics & Transport (CILT) is the leading professional body associated with logistics and transport, having over 33,000 members in over 100 countries worldwide. SZABIST Karachi has signed Memorandum of Understanding (MOU) with CILT. Now

PROGRAMS & CURRICULA

MBA students have the opportunity of opting for The Chartered Institute of Logistics and Transport (CILT) Certification by doing three electives:(1) Business Theory (2) Business Application (3) Supply Chain Operations. The certification fee is to be paid by student.

Master in Project Management (MPM)

The Master in Project Management (MPM) is designed to enable individuals to manage complex projects through modern project management approaches. MPM is a one-year evening program comprising 33 credit hours spread over two semesters. Total eleven courses are required to graduate. Maximum time limit to complete the MPM degree is four years.

Master of Science in Project Management (MSPM)

SZABIST offers MS in Project Management (MSPM) program which is equivalent to MPhil. The program lays foundation for students who are planning to pursue doctoral studies. This program offers two streams for MSPM. First stream is course work based and second is research based. In course work based stream, students are required to complete 10 courses of 03 credit hours each. In research based stream, the students are required to complete 08 courses of 03 credits hours each (24 credit hours) and two independent research studies (IRS) or a Thesis (06 Credit Hours). In either stream, students are required to complete 30 credit hours. The maximum time limit to complete the MSPM degree is four years and minimum time to complete is 1.5/2 years. All MSPM Students are required to clear GRE, GAT General test or HAT relevant with minimum 50% score.

Master of Science in Management Sciences (MS MS)

SZABIST offers MS degree with concentration in the specialized areas of Human Resource Management,

Marketing and Finance. The MS program is an evening program and all classes are held during week days. 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. In both the streams, 30 credit hours to be completed. The time limit to earn a MS degree is from 1.5 to 4 years. As per HEC guidelines, all MS students are required to clear GAT General test or HAT relevant with minimum 50% score.

Doctor of Philosophy

SZABIST offers PhD degree in Management Sciences, Computing, Educational Leadership and Management, Social Science and Biosciences in strict adherence to the HEC guidelines.

The admission requirement for PhD is minimum 17.5 years of education, GAT Subject 60% or above and clearing the admission requirements of SZABIST. After admission, the student is required to complete the course work of 18 credit hours that includes five courses and one Independent Research Study. Maximum course load during semester is 9 credit hours. After course work, the student is required to pass comprehensive examination in maximum two attempts. The dissertation carrying a weight of 30 credit hours is required to complete. Prior to submitting the dissertation, the student is required to publish a research paper in HEC recognized journal. The dissertation is sent for evaluation to two examiners in technologically advanced countries. The time limit to earn a PhD degree is from 3 to 8 years.

In Management Sciences, specializations include Human Resource Management, Marketing and Finance.

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	
В	70 – 74	3.00	PhD Degree Requirement
B-	66 – 69	2.75	MS Degree Requirement
C+	63 – 65	2.50	Master's Degree Requirement
С	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, MS, & PhD students.
- Equivalency of international degrees from Higher Education Commission of Pakistan (HEC) is mandatory for all Masters, MS, & PhD 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/BABS/BS Programs

For admission in the BBA/BABS/BS programs, the candidate must have completed O-Levels (minimum 8 subjects including 5 compulsory subjects; English, Urdu, Maths, Islamiat & Pakistan Studies) and A-levels (minimum 3 Subjects)/12th Grade/Intermediate with minimum 50% marks or equivalent from a recognized institution.

MASTER DEGREE PROGRAMS

Executive MBA

For admission in the EMBA program, the candidate must possess 16-year education or 4-year bachelor degree with minimum 55% marks/ 2.50 CGPA from a university recognized by the Higher Education Commission (HEC) in any field of study with 3 years professional work experience (verifiable) at some well known organization. This requirement is necessary to seek admission in this program.

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 in Project Management (MPM)

For admission in the MPM program, the applicant must possess a minimum of sixteen years of education/4-year Bachelor/Master's degree from an HEC recognized educational institute with minimum 55% marks/2.5 CGPA.

Master of Science - Project Management (MS PM)

For admission in the MSPM program, the applicant must possess a minimum of 16 years of education/4 year Bachelor/Master degree with minimum 2.5 CGPA or minimum 55% marks from an HEC recognized university. Candidates are also required to pass GAT General/HAT relevant with minimum 50% score.

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.

DOCTORAL DEGREE PROGRAMS

Admission Requirements

A candidate with MA/MS/MBA/MPhil or any other equivalent degree with minimum 17.5 years of formal education in the relevant field from HEC recognized local or foreign university may apply for direct admission in a PhD program. To apply for admission in PhD program, the candidate must have obtained minimum of 3.0 CGPA, cleared the admission test and interview, and have passed GRE/ GAT (subject) with minimum 60% score.

A student may be asked to complete other pre-requisite /deficiency courses/thesis before taking the required courses. The decision on number of pre-requisite courses is taken by the Admissions Committee of relevant department. For non-relevant degrees, the candidate will be required to register for additional Masters level courses as pre-requisites as per the guidance provided by the Admissions Committee.



ADMISSION REQUIREMENTS

Degree Requirements

For completion of the PhD degree, the student must complete a total of 48 credit hours (18 credit hours course work and 30 credit hours dissertation) for Management Sciences

Following is the step by step procedure for PhD:

PhD Degree Milestones

- Clearing admission requirements of HEC and SZABIST
- Completing course work with required CGPA
- Passing comprehensive examination
- Clearing proposal defense
- Completing dissertation
- Completing publication requirements
- Clearing progress seminar(s)
- Satisfactory reports from foreign evaluators
- Dissertation Defense (Open Seminar)

Two interdisciplinary courses can be allowed with the approval of both relevant Program Managers subject to the relevancy of courses.

Comprehensive Examination

All PhD students must pass the PhD Comprehensive Examination after completion of the required coursework that includes 5 courses and one IRS. Maximum Course Load in each semester is 9 credit hours. A student must clear the comprehensive examination in maximum two attempts. After successfully passing it, the candidate will get PhD Candidacy and he/she will be assigned a research supervisor. Comprehensive Examination must be cleared within two years from the date of admission. Failure to pass comprehensive examination from the date of admission will result in cancellation of admission.

Research Proposal

The candidate shall prepare a research proposal under the guidance of research supervisor. The first registration in Dissertation will be of 6 credit hours in which the student will work on Proposal for Dissertation. These 6 credits will be included in 30 credit hours of dissertation. The PhD research proposal must be presented before the Evaluation Committee.

Dissertation

A student may register for 3, 6, 9 or 12 credit hours in regular semesters (Spring or Fall). However, for registration in 12 Credit Hours, approval from Program Manager is required. No registration is allowed in Summer

The dissertation is expected to be completed in 2 years time after the completion of 1 year course work. The time frame for PhD Degree is minimum 3 years and maximum 8 Years.

Publication Requirements

All PhD candidates are required to write at least one research paper in the area of their research and submit it for publication in a journal recognized by the HEC. This paper must be published before sending the dissertation to two foreign examiners.

Progress Seminar(s)

Before sending the dissertation to two foreign examiners belonging to technologically advanced countries, the candidate has to demonstrate his or her work in front of a panel of experts for the necessary changes if deemed necessary.

Foreign Evaluation

After successful completion of the above-mentioned step, the dissertation is sent to two foreign evaluators belonging to technologically advanced countries.

Final Defense

After receiving minimum two satisfactory evaluation reports from the external examiner, the candidate is required to appear for PhD final defense. A formal presentation of dissertation is required to be produced before Evaluation Committee in an open seminar along with viva voce exam.

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

For MS Programs

GAT (General)/GRE/HAT relevant with minimum 50% score

For Phd Programs

GAT (Subject) with minimum 60% score.

GAT General or HAT relevant is mandatory for MS with minimum 50% score. GAT Subject is mandatory for PhD with minimum 60 % 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.

MPM Course Transfer

A maximum of up to 6 credits may be considered for transfer into the Master of Project Management.

MBA Course Transfer

- A maximum of up to 6 credits may be considered for transfer into the MBA program for BBA and equivalent degree holders. Research Project/Thesis is not transferable.
- A maximum of up to 36 credits may be considered for transfer into the MBA program for all other candidates. Research Project/Thesis is not transferable.
- Only relevant courses of the EMBA (SZABIST) program are transferable into the regular MBA program subject to the eligibility criteria of the MBA program at SZABIST.

EMBA Course Transfer

No transfer courses are allowed into the EMBA program at SZABIST.

MS Course Transfer

Up to 50% of total course work completed at an HEC recognized university can be allowed for transfer at SZABIST MS program.

PhD Course Transfer

Transfer of courses up to 6 credit hours from an HEC recognized university may be allowed in special cases by making a petition to the Doctoral Committee before formal acceptance into the PhD Program. The student may be required to take additional courses as recommended by the relevant program manager.

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 by 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.
- 2/3 courses are transferable in Masters or MS program.
- Maximum 02 courses are transferable in PhD program.

The minimum letter grade of Certificate courses from SZABIST which are transferable to regular degree program within a time spam of one year are: for PhD its B and above, for MS its B- and above, for all master's program its C+ and above and for bachelor's programs its C and above.

Financial Assistance

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

- SZABIST Need-Based Scholarship
- SZABIST Merit-Based Scholarship
- Chief Minister's SZABIST Merit and Need-Based Scholarship
- Sindh Education Endowment Fund Scholarship
- Balochistan Education Endowment Fund Scholarship
- USAID Funded Merit and Need-Based Scholarship
- HEC-Indigenous PhD 5000 Fellowship Program
- Ihsan Trust Interest Free Loan Facility
- Sindh Police Scholarship
- Mitsubishi Corporation Scholarship
- ACCA Accelerate Scholarship
- Ministry of Harmony and Interfaith Minority Scholarships
- Khairpur Poverty cum Merit Scholarships
- Various community-based scholarships

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

Financial assistance is also available in the form of adjunct faculty positions to qualified and eligible PhD candidates.

Video Conferencing

SZABIST is the first educational institute in Pakistan that introduced multi-point interactive Video Conferencing (VC) technology in 2001. SZABIST regularly uses VC technology in interactive learning sessions among Dubai, Islamabad, Larkana, Hyderabad 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.

Professional Development Courses

The Institute also offers several productivity-based 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 aim of these courses have been to initiate discussion and modeling of practical problems, business opportunities and to improve understanding of current issues in Information Technology, Business and Management. These courses include topics such as e-Commerce, New Programming Languages & Tools, Business & Entrepreneurship Management, Selling Skills, Conflict Resolution, Effective Leadership, and Productivity, Quality-Related Issues, Brand Management and Digital Marketing.

In addition to business productivity courses, the institute arranges study groups, mentor workshops and courses for students for removing deficiencies, if any. These courses include Business Communication, Technical Writing, Public Speaking, Personality Grooming, Interviewing Techniques and learning of Statistical Package for Social Sciences (SPSS).

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 with electricity backup through UPS.

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 228 Mbps committed bandwidth to the internet and intranet. SZABIST is Wi-Fi enabled since 2002. Two new computer labs are added to the existing labs infrastructure. Students with 802.11x capable devices (such as laptops, tablets, cellphones, etc.) can access all network resources wirelessly. SZABIST has acquired Microsoft IT academy and Oracle Academic Alliance program.

SZABIST library hold a rich collection of books, Journals, Magazines and a large number of digital libraries and online databases. SZABIST Library has six work stations through which students can access unlimited number of journals and magazines. This facility is further extended to registered students through SZABIST network on demand. SZABIST library provides comfortable physical spaces and furniture with peaceful environment. Moreover, SZABIST has its own Research Centers i.e., Centre of Renewable Energy Research (CRER), and Sustainable Development Research Centre (SDRC) with their own specialized library for reference and general reading.

SZABIST established Smart Lab equipped with tremendous high speed 7th generation laptops for students. These laptops are connected with SZABIST network through WiFi. A state of the art Smart screen is also available for teacher and students. They can interact to each other in more effective and robust way.

Research Committee (RC)

SZABIST places high emphasis on research & 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.

Doctoral Committee (DC)

The Doctoral Committee has a key function to monitor the progress of all MS and PhD students. The committee conducts its meetings regularly and discuss and recommends the individual cases of all such students pertaining to approval of their work, selection of supervisors, co-supervisors, examiners, evaluators (national and foreign), provide approval for conduction of progress seminars & final defense, and all other related activities. The DC also ensures the research work carries its value to the society and is free from any un-ethical matters. In this regard, Institutional Ethics Review Board (IERB) work under DC.

Board of Advanced Studies and Research (BASR)

SZABIST has also constituted a Board of Advanced Studies and Research (BASR) which holds its meetings twice a year to discuss and approve / disapprove, the recommendations sent by Doctoral and Research Committees. This is chaired by the President of SZABIST and co-chaired by the Vice President (Academics). The board further considers and reports to the authorities on the award of research degrees proposes by-laws and policies regarding MS/PhD programs (across all campuses) and the initiation, execution, and award of research degrees; provides approvals on appointments of supervisors for postgraduate research students and approves titles and synopses for their theses or dissertations, as recommended by DC. The decisions taken in BASR are ratified in the Academic Council.

Academic Council

It is the highest academic statutory body of the university. Its meetings are held twice a year after completion of Board of Studies (BOS) meetings, Board of Faculty (BOF) meetings and Board of Advanced Studies & Research (BASR) meetings.

All the recommendations related to academic programs, introduction of new programs, changes in the existing programs, changes in the course outlines, etc. approved by BOF are sent to Academic Council for further discussion and approval. The meeting is chaired by the President and co-chaired by the Vice President (Academics) and is participated by the members of Academic Council from all campuses of SZABIST and as well as external members from Academia and Corporate Sectors.

Office of Research Innovation and Commercialization (ORIC)

The ORIC office at SZABIST has been established to provide end-to-end services for all matters pertaining to research & development, innovation, inventions, commercialization, patents, collaborations, arranging seminars/ colloquia/ symposium/ conferences/ workshops & etc.

ORIC is helping its researchers to do high quality research to help shape better future. ORIC intends to provide support to the faculty in solving real-life problems, change policies and influence practice, all to the benefit of the people of Pakistan.

ORIC welcomes opportunities to collaborate and partner with like-minded researchers, research managers and administrators, and our doors are open to postgraduate students seeking a research home where quality counts. The ORIC is trying to establish good working relationship with other higher learning institutions, industries and donor agencies especially HEC, PSF and other universities in Pakistan in the activities that can enhance entrepreneurship, academic and research excellence.

What is ORIC?

In recent millennium, global knowledge economy has strengthened the need for strategic partnerships that go beyond their traditional roles as collaborators. World-class research universities are at the forefront of pioneering such partnerships. They are intended to run longer, invest more, look beyond and sharpen the competitiveness of industries, universities and regions. Keeping in view of these challenges, the Office of the Research, Innovation and Commercialization has been initiated at SZABIST, Karachi.

The mission of ORIC as outlined by HEC is "Transforming Pakistani universities to drive high impact innovation, applied research and entrepreneurship". The ORIC's vision is to enable and lead Pakistan's transformation to a knowledge-based economy dependent upon innovation and

entrepreneurship. The Office of Research Innovation and Commercialization is being establish to link research and commercialization from SZABIST with emerging and existing firms across Pakistan and around the world. As an umbrella, ORIC is meant to work closely with the researchers and on campus Incubators and S&T Park. The ORIC office also serves as a conduit to local, regional and federal partners to ensure research results aid the growth of Pakistan's economy. The office of ORIC is meant to work on commercialization of research and helping startups to incubate, grow, create new jobs, products, services, markets, carry out innovation and bring in funding. The following are the prime activities of ORIC at SZABIST.

- Fund raising for research.
- Provide information to faculty about various available research grants.
- Link faculty and students with relevant industry.
- Help and guide on patent filing and licensing.
- Interface between faculty and the commercial sector.
- Work with patent counsel to assess patentability / licensing.
- Evaluate markets for commercialization of inventions.
- Identify potential licensees.
- Negotiate terms of licenses.
- Assist with negotiating problematic sponsored research agreements.
- Help faculty start companies.

ORIC in 2019

ORIC is striving hard to strengthen the research culture in all disciplines of the SZABIST to bring it at par with other institutions of higher learning within the country and abroad. It maintains the highest standards of research of both students and faculty. The ORIC has positively set the pace to match up to the challenges in the field of research and commercialization.

The ORIC Office is looking forward to improve the Human Resource Development Program and explore funding for establishment of Research Labs at SZABIST in its various departments. Special emphases will be given to strengthen international linkages in near future particularly with foreign universities based on joint research proposals for international funding. ORIC will be arranging regular scientific seminars, colloquia, symposium etc. to promote the culture of interaction and sharing of scientific knowledge with researchers around the world.

ORIC will work hard in promoting entrepreneurship, technology-transfer and commercialization activities that energize and support the local and national economy and promoting and enhancing crosscutting and multi-disciplinary research initiatives. Learn more about SZABIST ORIC at oric.szabist.edu.pk

Executive Development Center (EDC)

The Executive Development Center (EDC) at SZABIST Karachi 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 provide 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 market, 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 pre-requisite for their degree completion.

Data Centre

The Data Center has been designed with the Telecommunication Industry Association's (TIA-942) Tier-II international infrastructure standards including raised flooring, redundant HVAC precision units, fire detection, alarm & suppression system, precision UPS & power system, CCTV and access control system for remote monitoring. The Data Center is responsible for providing LAN & WAN connectivity, Web Services, Video Conferencing, hosting Server Farm (including Domain Controllers, Proxy, Email, Web, Network Management, Electronic Bulletin Board, ZABDESK ERP and many more) and other related services.

Computing Resources

Computing resources of the datacentre comprise of 11.88 TFLOPS of processing speed with high performance and reliable 50 Tera Bytes of storage capacity. The datacentre is equipped with UPS backup and 12-ton precision cooling system for reliability of datacentre and protected by FM-200 based Automatic Fire Detection and Suppression System and manual fire extinguishers. CCTV Cameras and Access Control systems are intact for effective surveillance and restricting unauthorized access to the facility.

Campus Network Infrastructure

Campus network is based on n-tier architecture which includes security, core, distribution and access layers. The backbone comprises three upper layers i.e. security, core and distribution as well as primary & backup fibre optic link connectivity for all buildings. In Data Center, redundant Chassis-based routers, core and distribution switches and firewalls with high transmission rate are commissioned, where device and link redundancy has been maintained at every level to ensure un-interrupted ICT services to users. Gigabit Access Network has also been commissioned to ensure high-speed computing at user end, where access switches of high switching capacity are installed to handle data and multimedia traffic, efficiently. Proper NMS server installed to monitor and manage the whole network, which can send alert on any fault, performance bottleneck and/or security issues.

Wireless Mesh Network

A secured Wi-Fi mesh network has been implemented throughout the campus. Wireless indoor and outdoor Access Points (APs) have been installed to give internet/intranet access to students, faculty and staff employs latest wireless protocol 802.11n with each AP providing a bandwidth up to 300 Mbps to the users.

ZABSolutions

SZABIST has its own software house which fulfills the software needs of the SZABIST. The state-of-the-art applications that ZABSolutions has developed and evolved are successfully supporting and fueling the complete academic lifecyle of the SZABIST. The complete academic process of a student, right from the filling of the online admission form till the printing of the final transcript and the degree, runs on the integrated solutions developed by ZABSolutions.

Several educational institutions in Pakistan have shown their interest in ZABSolutions products. Academic lifecycle of several institutions will soon be migrated to the integrated paperless campus solutions developed by ZABSolutions.

The ZABSolutions incubator helps computer science students to foster their software skills. Students can access ZABSolutions resources and knowledge to develop skills and competencies which are important to compete in the market. Following are it's objectives:

- Provide a practical framework for knowledge and technology transfer to the students
- Develop the confidence and competencies for building e-firms
- 3. Involve students in software research and development
- 4. Enhance partnership between industry and academia
- 5. Provide faculty and the students with innovative support facilities



ZABFM 106.6

ZABFM 106.6 is an in house FM broadcasting station, an initiative taken by Shaheed Zulifkar Ali Bhutto Institute of Science & Technology and it was a 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 was the first educational radio station with the allotted frequency 106.6 MHz by Pakistan Electronic Media Regulatory Authority (PEMRA) since 18th June, 2007 and is performing 24/7 till date.

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

The 24/7 programming schedule covers various subjects of life like, Career Counseling, Planning & Development, Education, Infotainment, Awareness, Research, Documentaries, Talk Shows, Sports, Travel, Science & Technology, Media, Culture & Society, Technology & Inventions, Info tech and social order, etc.

SZABIST Student Council (SSC)

The SZABIST Student Council (SSC) since its inception in 2009 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. For almost a decade, 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 associations, clubs and 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, public speaking, science and technology, engineering and computing, model United Nations, social welfare, leadership workshops and field trips.

SSC also hosts entertainment events, produces seasonal SSC merchandise (such as shirts, mugs, banners, or any other promotional material) at times, 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, it acts as a parent body to its chapters in other campuses of SZABIST namely, SSC-Hyderabad Chapter, SSC-Islamabad Chapter and SSC-Larkana Chapter and SSC-Dubai Chapter.

The SSC and all its student associations and clubs 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:

r	
ACM	Association of Computing Machinery
	(SZABIST Karachi, ACM Chapter)
AIESEC	Student Exchange Program Facilitation
ASME	American Society of Mechanical Engineers
SCS	SZABIST Cultural Society
IEEE-SSB	Institute of Electrical and Electronics
	Engineers-SZABIST Student Branch
KSCLC	Karachi SZABIST Campus Lions Club
RCoSKM	Rotaract Club of SZABIST Karachi Midcity
SBS	SZABIST Biosciences Society
SES	SZABIST Entrepreneurial Society
SLS	SZABIST Law Society
SDS	SZABIST Debating Society
SSSS	SZABIST Social Sciences Society
SSS	SZABIST Sports Society
ZABLITS	SZABIST Literary Society
ZABMUN	Zulfiqar Ali Bhutto Model United Nations
ZABPAS	SZABIST Performing Arts Society

Newsletters

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

National and International Linkages and Collaborations

SZABIST is a registered member of the following international and national associations:

- 1. International Association of Universities (IAU), Paris
- Association of Commonwealth Universities (ACU), London
- 3. The Association to Advance Collegiate School of Business (AACSB), Singapore
- 4. Asia University Federation (AUF), Seoul
- Asia-Pacific Quality Network (APQN), People's Republic of China
- Association of Quality Assurance Agencies of the Islamic World (AQAAIW), Malaysia
- 7. The Talloires Network, USA
- 8. The Chartered Institute of Logistics and Transport (CILT), UK
- 9. Management Association of Pakistan (MAP), Karachi
- 10. Marketing Association of Pakistan (MAP), Karachi
- 11. Human Resource Development Network (HRDN), Islamabad

Moreover, SZABIST has signed MoUs' articulation and collaboration agreements with the following national and international universities and institutions:

1. JS Bank Limited

JS Bank would extend financing to the students and alumni of SZABIST to establish/expand their respective business through the Prime Minister's Youth Business Loan (PMYBL) Scheme.

2. Aman Health Care Services

Through this collaboration, SZABIST students will be engaged in producing additional four short documentaries on various themes of family planning.

3. Mitsubishi Corporation

Mitsubishi Corporation through this MoU would be awarding scholarship to two students enrolled in the BBA program.

4. Istanbul Medipol University, Turkey

This MoU will present numerous opportunities to SZABIST for initiating mutually-rewarding R&D projects, and student & faculty exchange programs. On August 30, 2018 an agreement was signed between the institutions.

Through this agreement, Istanbul Medipol University would provide scholarships to five undergraduate programs and ten MS/PhD Programs of studies.

5. Project Management Institute Karachi Pakistan Chapter

This MoU is aimed at creating a mutually beneficial partnership to promote project management awareness in the community, and to initiate and enhance collaboration between academia and industry to nourish young professionals as well as to create and implement best project management practices.

6. Planet N Group – 10xC and Feedience

SZABIST in collaboration with Planet N Group has signed MoUs with 10xC and Feedience Pvt. Limited for promoting entrepreneurship activities and deploying funding & incubation opportunities for innovative products and softwares. On the other hand, alliance with Feedience for media content generation will incentivize students in generating ideas for media houses.

7. The Chartered Institute of Logistics and Transport (CILT), UK

SZABIST has signed a MoA with CILT for introducing certification in logistics and transport. To attain this certification, a total of three mandatory courses will have to be completed.

8. Sindh Judicial Academy

SZABIST Rule of Law Center and Sindh Judicial Academy agree to cooperate for capacity building of judges, lawyers, salis notified by High Court of Sindh in mechanism of alternative dispute resolution.

9. Pak-China International Education System

This MoU is aimed at offering Chinese Language course to SZABIST undergraduate students.

10. ASER - Alliance Pakistan (AAP)

This is a technical-advocacy alliance for benchmarking, and assessment of data sets for research and development.

11. Coventry University

Through this MoU, SZABIST students enrolled in Bachelors of Arts in Business Studies (BABS) will be conferred Coventry University degree on completing two years of education at SZABIST and one year at Coventry University, UK.

12. The Citizen Foundation

As part of social responsibility, SZABIST and TCF have collaborated to facilitate TCF students with admission fee waiver, and scholarship opportunities to study in any of SZABIST degree programs.

13. CISCO Networking Academy

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

14. 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.

15. 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.

16. University of London

SZABIST is a registered center of University of London for giving tuitions for its LLB program.







BBA

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, IT or Supply Chain Management. 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 an ACCA accredited program; those who complete the BBA degree from SZABIST Karachi, 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

1 0	
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

oping or	eniestei
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

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	

Business Analysis and Forecasting*

Enterprise Management BA 3619 BA 4701 Islamic Banking and Finance*

Marketing Research* BA 4707 BA 3515 Graphic Design for Multimedia*

Professional Development BA 3621

BA 3521 Auditing

BA 4115 Derivatives

BA 3522 Social Advocacy and Community Service

ELECTIVES

Finance

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 Analy

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 4859

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
D 4 4720	Francis (Mandage)

BA 4739 Export Marketing BA 4815 Event Management BA 4816 **Industrial Marketing** BA 4821 Media Planning

BA 4824 Sales Management Graphic Design for Multimedia* BA 4842

Product Innovation and Design BA 4866 **Integrated Marketing Communications**

Supply Chain Management

BA 4116	Supply Chain Management
BA 4126	Trade Marketing
BA 4211	Production Management
BA 4768	Total Quality Management
BA 4739	Export Marketing
BA 4742	Customer Relationship Management
BA 4764	Dynamics of Logistics and Distribution
BA 4824	Sales Management

Operations Research BA 4844 Product Innovation and Design BA 4859

BA 4766 Purchase Management

Management BA 4116

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

Supply Chain Management

Information Technology

BA 4224	e-Marketing Strategies
BA 4714	e-Business and e-Commerce Management
BA 4745	Information System Audit
BA 4822	Media Production
BA 4842	Graphic Design for Multimedia*
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.

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

opinio ot	oping 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

	1
AF 3511	Auditing -I
AF 3506	Statistical Inference
AF 3507	Financial Institutes and Markets
AF 3606	Taxation
AF 3608	Islamic Banking and Finance

AF 3607 Corporate Accounting

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

Finance		AF 4826	Quantitative Data Analysis
AF 4725	Analysis of Investment and	AF 4724	Advanced Financial Management
	Management of Portfolios	AF 4727	Dynamics of Banking
AF 4825	International Finance	AF 4728	Financial Modeling
AF 4824	Financing of SME	AF 4726	Behavioral Finance
AF 4823	Financial Risk Analysis		

BABS

SZABIST offers a 3 year BA (Hons) degree in Business Studies from the Coventry University, UK. Students who complete two years at SZABIST will proceed ahead to complete the third year from Coventry University, UK and earn an International degree.

Students can also complete the BABS degree at SZABIST by opting for the 3rd and 4th year of BABS program. BABS is a General Management Degree. The maximum duration to complete this degree is six years.

First Year

Fall Semester

BA 1101	Introduction to Accounting
BA 1102	Microeconomics
BA 1103	Introduction to Computers
BA 1104	Personal Management
BA 1206	Oral Communication and
	Presentation Skills
BA 1204	Maths for Business

Spring Semester

BA 1201	Financial Accounting
BA 1202	Macroeconomics
BA 1203	Management Principles
BA 1105	English Writing Skills
BA 2305	Statistics and Mathematic

Statistics and Mathematics for Business

BA 2312 Human Behavior

Summer Semester

BA 2301	Introduction to Business Finance
BA 2302	Graphic Design in Multimedia
	Presentations

Second Year

Fall Semester

BA 2303	Marketing Principles
BA 2304	Managerial Accounting
BA 2306	Introduction to Social Sciences
BA 2403	Business Ethics
BA 3504	Organizational Behavior
BA 1207	Introduction to Logic

Spring Semester	
BA 3505	Quantitative Skills
BA 3601	Financial Management
BA 3602	Marketing Management
BA 4704	Management Information Systems
BA 4721	Advertising
BA 4801	Law and Taxation

Third Year

Fall Semester

BA 1113	Islamic Studies
BA 4804	Human Resource Management
BA 2406	Business and Electronic Communication
BA 3517	Entrepreneurship and Small Business
	Management
BA 3518	Law for Managers
BA 3605	Statistical Inference

Spring Semester

1 0	
BA 3617	Introducion to International Business
BA 1213	Pakistan Studies
BA 3616	Customer Relationship Management
BA 3618	Leadership Development
BA xxxx	University Elective I

Fourth Year

Fall Semester

Tun Semester		
BA 3507	Consumer Behavior	
BA 3501	Financial Markets and Institutions	
BA 4824	Sales Management	
BA 3603	Business Research Methods	
BA 4703	Staffing/Compensation and Employee	
	Development	

Spring Semester

BA 4807	Research Project
BA xxxx	University Elective II
BA 4814	Project Management
RΔ /1128	Operations and Suppl

BA 4128 Operations and Supply Chain

Management

BA 4127 Managing Across Global Environment

UNIVERSITY ELECTIVES

BA 3519 Current Affairs

BA 4827 Professional Development

BA 3506 Foreign Languages

BA 3619 Enterprise Management

BA 3522 Social Advocacy and Community Service

BA 3613 World Economy

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.

BS Entrepreneurship

SZABIST offers a four-year (eight semesters) BS Entrepreneurship degree program of 144 credit hours. For the BS Entrepreneurship program, the students are required to complete 45 courses and a 9 credit hours Capstone Project. The courses include 41 compulsory courses and 4 electives. To obtain the BS Entrepreneurship degree, students have to complete 144 credit hours and 2 apprenticeships. Maximum time limit to complete the BS Entrepreneurship degree is six years.

First Year

Fall Semester

EN 1103	Introduction to	Accounting
EIN 1103	intioduction to	Accounting

EN 1107 Pakistan Studies

EN 1102 Computer Applications in BusinessEN 1104 Introduction to Human BehaviorEN 1101 Business Mathematics and Calculus

EN 1106 Oral and Written Communication

Spring Semester

EN 1203 Introduction to Sociology

EN 1201 Accounting for Business Operations

EN 1205 Microeconomics

EN 1206 Personal Management

EN 1204 Management Principles

EN 1207 Islamic Studies / Humanities

Second Year

Fall Semester

EN 2303 Macroeconomics

EN 2302 Logic and Critical Thinking

EN 2301 Introduction to Business Finance

EN 2305 Marketing Principles

EN 2304 Managerial Statistics

EN 2306 Organizational Behavior

Spring Semester

EN 1202 Business and Electronic Communication

EN 2404 Introduction to Entrepreneurship

EN 2401 Business and Labour Laws

EN 2403 Consumer Behavior

EN 2406 Operations Management

EN 2402 Business Ethics

Third Year

Fall Semester

EN 3502 Business Plan Development

EN 3501 Business Analysis and Forecasting

EN 3503 Entrepreneurial Marketing

EN 3504 Finance and Taxation for Entrepreneurs

EN 3506 Sustainability and Technology

EN 3505 Marketing Research

Spring Semester

EN 3609 Capstone Project-I

EN 3603 Launching a Venture

EN 3602 Human Resource Management

EN 3605 Product Innovation and Design EN 3601 Analysis of Pakistani Industries

EN 3604 Logistics and Supply Chain Management

Fourth Year

Fall Semester

EN 4709 Capstone Project-II

EN 4701 Issues in Pakistan's Economy

EN 4702 Financing a Venture

EN 4703 Emerging Media

EN 4xxx Elective-I

EN 4xxx Elective-II

Spring Se	mester
EN 4809	Capstone Project-III
EN 4801	Business Policy and Design
EN 4802	Innovative Business Models
EN 4803	SME Management
EN 4xxx	Elective-III
EN 4xxx	Elective-IV
Electives	
EN 4826	Mergers and Acquisition
EN 4825	Legal Framework for Entrepreneurs
EN 4828	Trade and Retail Management
EN 4724	Export Marketing
EN 4727	Services Marketing
EN 4722	Business Development
EN 4827	Social Entrepreneurship
EN 4728	Technopreneurship

EN 4824 Intrapreneurship

EN 4721 Agribusiness Management

EN 4725 Family Business Management

EN 4729 Women Entrepreneurship and Leadership

EN 4822	Crisis Management
EN 4726	Managing and Growing a Business
EN 4723	Creativity and Business
EN 4821	Applied Game Theory
EN 4823	Executive Leadership
	_

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.

Apprenticeship

It will be mandatory for students to have two 6-week apprenticeships with two different entrepreneurs working in their area of interest. During apprenticeship students will have an insider's look at the various businesses and be mentored by some of the most successful entrepreneurs to supplement their curriculum learning.

Executive Master of Business Administration

The EMBA is a 2-year program spread over four semesters and consists of 66 credit hours of teaching. Twenty courses (60 credit hours), one Business Project (3 credits) and one Research Project (3 credits) are needed to graduate. Maximum time limit to complete the EMBA degree is 4 years.

First Year	BE 5303 Operations and Supply Chain Management
	BE 5309 Business Project
Fall Semester	BE 5xxx Elective-I (Marketing, HR, Finance and
BE 5101 Accounting for Business	Supply Chain)
BE 5102 Business Management	
BE 5103 Contemporary Marketing	Spring Semester
BE 5104 Managerial Communication	BE 5401 Entrepreneurship and Family Businesses
BE 5105 Quantitative Analysis for Decision Making	BE 5402 Ethics and Corporate Governance
	BE 5403 Strategic Management
Spring Semester	BE 5409 Research Project
BE 5201 Applied Research Methods	BE 5xxx Elective-II (Marketing, HR, Finance and
BE 5202 Business Finance	Supply Chain)
BE 5203 Managerial Accounting and Control	BE 5xxx Elective-III (Marketing, HR, Finance and
BE 5204 Managerial Economics	Supply Chain)
BE 5205 Marketing Management	
BE 5206 Organizational Behavior	ELECTIVES

Second Year

Fall Ser	nester
DE E201	Einanaial N

BE 5301	Financial Management
	Human Resource Management

M	ar	k٤	eti	ng
DI	- F			-

BE 5xxx	Services Marketing
BE 5xxx	Retail Management
BE 5xxx	Media Planning and Management
BE 5xxx	Advertising

BE 5xxx	Brand Management	BE 5xxx	Performance Appraisal
BE 5xxx	Consumer Behavior	BE 5xxx	Training and Development
BE 5xxx	Customer Relationship Management	BE 5xxx	Conflict Resolution
BE 5xxx	Integrated Marketing Communications	BE 5xxx	Crisis Management
BE 5xxx	Digital Marketing	BE 5xxx	HR Analytics
BE 5xxx	Emerging Media	BE 5xxx	Salary and Compensation
BE 5xxx	Experiential and Content Marketing	BE 5xxx	Talent Management and Succession
BE 5xxx	Export Marketing		Planning
BE 5xxx	Global Marketing		_
		Supply	Chain Management
Finance		BE 5xxx	Supply Chain Management
BE 5xxx	International Banking and Finance	BE 5xxx	Dynamics of Logistics and Distribution
BE 5xxx	Corporate Finance	BE 5xxx	Operational Planning in Supply Chain
	Islamic Banking and Finance	BE 5xxx	Strategic Procurement in SCM
BE 5xxx	Analysis of Financial Statements	BE 5xxx	Advance Manufacturing and TPM in SCM
BE 5xxx	Portfolio and Investment Management	BE 5xxx	Detailed Scheduling and Planning in SCM
BE 5xxx	Project Evaluation	BE 5xxx	Execution and Control of Operations in
BE 5xxx	Banking Operations		SCM
BE 5xxx	Financial Modeling	BE 5xxx	Supply Chain Finance
BE 5xxx	Treasury and Funds Management		
		The Univ	ersity reserves the right to change its programs
Human	Resource Management	and poli	cies at any time without prior notification.

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*

BE 5xxx Leadership and Motivational Techniques

BE 5xxx Compensation Management

BE 5xxx Recruitment and Selection

Spring SemesterBA 5402 Macro Economics*

D11 0 102	Wacro 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

ran 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)	

All courses may not be offered every year. Alternate

courses may be substituted as and when needed.

Spring Semester

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

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 RegulationsBA 5231 Islamic Banking and FinanceBA 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

B	A 5297	Human Capital Development and	BA 5226	O
		Analytics	BA 5227	0
	A 5335	Human Resource Audit	BA 5228	Retail Management
B	A 5332	Contemporary Issues in Human Resource	BA 5246	Public Relations
		Management	BA 5256	Integrated Marketing Communications
B	A 5435	Human Resource Management and	BA 5259	0 0
		Technology	BA 5264	Interactive Global and Regional Marketing
			BA 5269	0 0
	lanagen		BA 5281	Digital Marketing
	A 5111	Business Process Re-engineering	BA 5286	Media Marketing
	A 5112	Change Management	BA 5293	New Product Development
B	A 5113	Industrial Management and Labor		Process and Innovation
		Relations	BA 5296	Rural Marketing
	A 5116	Industrial Relations and Labor Laws	BA 5198	Experiential and Content Marketing
	A 5136	Business Strategy and Policy	BA 5299	Media Management
	A 5152	Event Management	BA 5141	Public Relations Management
	A 5172	Entrepreneurial Business Strategy	BA 5438	Marketing Practices in Pakistan
	A 5213	Project Management	BA 5331	Marketing Analytics
	A 5295	Crisis Management	BA 5339	0 0
\mathbf{B}_{I}	A 5334	Corporate Sustainability	BA 5337	Retail Strategy and Structure
	A 5242	Lean Six Sigma Manufacturing	BA 5437	Retail Supply Chain Management
	A 5434	Hospitality and Tourism Management	BA 5436	Retail Operation
B	A 5333	Business Theory	BA 5336	Retail Buying and Merchandising
\mathbf{B}_{I}	A 5433	Business Application		
				Chain Management (SCM)
M	IIS		BA 5191	Advance Manufacturing and
	A 5156	E-Commerce Strategies and Management		TPM in SCM
	A 5163	Enterprise Resource Planning	BA 5194	11 3
	A 5169	Technology Management and	BA 5214	
		Innovation	BA 5263	
В	A 5181	Business Intelligence and Data	BA 5265	
		Warehousing	BA 5266	Strategic Procurement in SCM
В	A 5241	E-Commerce	BA 5287	Execution and Control of
				Operations in SCM
			BA 5291	Detailed Scheduling and
	larketin	- ,		Planning in SCM
	A 5121	Advertising	BA 5142	Materials Management
	A 5122	Brand Management	BA 5338	Shipping in SCM
		Consumer Behavior	BA 5432	Green Supply Chain Management
		Customer Relationship Management	BA 5431	Supply Chain Operations
		Export Marketing		
	A 5127	Global Marketing	Internshi	p
	A 5129	Services Marketing	All MBA	students are required to complete a 6-week
	A 5171	Strategic Advertising	internshi	p. Completion of internship is a degree
	A 5182	Trade Marketing	requirem	ent for all MBA programs. Students can
	A 5186	Social Marketing		their current employment record as an
	A 5199	Integrated Brand Communication	alternativ	re to the internship program provided such
	A 5217	Industrial Marketing		ent experience is recognized by SZABIST.
	A 5224	Media Planning and Management	- *	-
B	A 5225	Personal Selling		

Master in Project Management (MPM)

Master in Project Management is designed to enable individuals to manage complex projects of today through modern project management approaches. MPM is a one-year evening program comprising 33 credit hours spread over two semesters. Eleven courses are required to graduate. The maximum time to complete the degree is 4 years.

First Year

Fall Semester PM 5102 Fundamentals of Project Management

PM 5104	Cost and Financial Management for
	Project Management
PM 5105	Project Scope
PM 5310	SAP Training*
PM 5201	Project Scheduling, Planning and
	Time Management

Spring Semester

PM 5301	Project Quality Management
PM 5351	Project Risk Management
PM 5309	Project in Primavera
PM 5xxx	Elective-I
PM 5xxx	Elective-II
PM 5209	Project

*May alternatively be exchanged with "IT Tools for Project Management" or "Enterprise Project Management".

ELECTIVE

PM 5151 Enterprise Resource Planning PM 5152 Innovation and Technology Management PM 5251 Procurement and Contract Management
PM 5252 Project Change Management
PM 5253 Project Human Resource Management
PM 5255 Project Change and Risk Management
PM 5257 Simulation for Project Management
PM 5303 Project Monitoring, Evaluation and
Control Management
PM 5352 Project Stakeholders Management
PM 5353 Research Methods for Project Managers
PM 5354 Leadership, Team and Communication
for Project Management
PM 5355 Project Communication, Reporting
and Presentation

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

MPM students may switch to MSPM program before third week of first semester or after first semester, with relevant courses transferred and subject to meeting MSPM admission requirements. This option cannot be exercised in and after second semester.



Master of Science in Project Management

There are two academic streams available for MSPM. The students are required to complete 8 courses and 2 Independent Research Studies (IRS), or a thesis, with a total of 30 credit hours as a part of research work based stream. Alternatively, students may opt for 30 credit hours of course work based program by taking only 10 courses. The breakup of 30 credit hours under each stream is as follows:

Research Work Based Stream

- Four compulsory courses (12 credit hours)
- Two Independent Research Studies (6 credit hours) OR Thesis (6 credit hours)
- Four elective courses (12 credit hours)

Course Work Based Stream

- Four compulsory courses (12 credit hours)
- Six elective courses (18 credit hours)

First Year

Fall Semester

MP 5107 Fundamentals of Project Management
 MP 5105 Advanced Project Management
 MP 5202 Quantitative Tools for Research
 MP 5xxx Elective-I

Spring Semester

MP 5103 Research Methodology

MP 5xxx Elective-II MP 5xxx Elective-III MP 5xxx Elective-IV

Second Year

Fall Semester

MP 5xxx Thesis-I* OR Independent Research

Study-I*/Elective-V**

MP 5xxx Independent Research Study - II / Elective-VI**

Spring Semester

MP 5xxx Thesis-II

* Thesis to be registered in two parts while Independent Research Study-I and Independent Research Study-II can be opted in one semester by research stream students.

** Elective-V and Elective-VI to be opted by students following course work scheme.

MSPM students may switch to MPM program after admissions before third week of first semester or after completion of first semester. This option; however, cannot be exercised in and after second semester.

ELECTIVES

MP 5102 Project Management Constraints

MP 5201 Quality Management Tools

MP 5205 Theories of Management

MP 5215 Human Resource Management Communication

MP 5217 Financial Decision Analysis

MP 5218 Software Project Management

MP 5314 Project Review, Assurance and Governance

MP 5317 Supply Chain Management

MP 5318 Business Analysis

MP 5324 Risk Management Dynamics

MP 5325 Project Simulation

MP 5224 Project Scope

MP 5223 Project Scheduling, Planning and

Time Management

MP 5328 Project Risk Management

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 completion of Research Methodology and Quantitative Tools for Research. To register thesis students are also required to complete course work before registering for Thesis.

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.

MS (Project Management) Bridge Arrangement

This arrangement allows MPM graduates to enhance their academic qualification. For MPM (30 Credits Program) graduates, a maximum of 5 Courses would be transferred to MSPM program and for MPM (33 Credits Program) graduates, a maximum of six courses can be transferred to MSPM program; subject to passing the courses with a minimum 2.75 grade points and on surrendering the MPM degree. Project, Project in Primavera, IT Tools for Project Management and SAP Training are not transferrable towards MSPM degree completion requirements for MPM graduates.

All MSPM candidates are required to pass HAT relevant/GAT General with minimum 50% score or GRE score as applicable for MS program.

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 5112	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 5112	Strategic Management
MS 5238	Strategic Human Resource Developmen
MS 5104	Strategic Marketing Decisions

Spring Semester

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

Second Year

Fall Semester

MS 5xxx	Elective III
MS 5xxx	Elective IV

MS 5xxx Elective II

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 Technique

MS 5137	Research Methods and Techniques
MS 5204	Quantitative Tools for Research
MS 5112	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 5112	Strategic Management
MS 5238	Strategic Human Resource Development
MS 5104	Strategic Marketing Decisions

MS 5137 Research Methods and Techniques

Spring Semester

Quantitative Tools for Research
Strategic Finance
Elective I
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

ELECTIVES		MS 5203	Global Corporate Strategy
		MS 5205	International Business Management
Finance		MS 5211	Creative Leadership
MS 5113	Financial Time Series	MS 5216	Corporate Governance
MS 5103	Managerial Economics	MS 5225	Leadership and Motivation Techniques
MS 5105	Econometrics	MS 5229	Negotiations and Conflict Resolution
MS 5111	Derivatives and Financial Risk	MS 5241	Public Administration and Governance
MS 5115	Operations and Mathematical Modeling	MS 5245	System Thinking and Organizational
MS 5134	Behavioral Finance		Learning
MS 5206	Modern Financial Applications	MS 5303	Issues in Strategic Management
MS 5215	Corporate Finance	MS 5415	NGO Management
MS 5217	Corporate Finance Planning and	MS 5423	Global Governance and Development
	Decisions	MS 5427	Seminars in HRM
MS 5218	Financial Markets		
MS 5237	Business Finance and Decision Making	Elective of	courses may vary from time to time. All
MS 5414	Applied Econometrics	courses n	nay not necessarily be offered every year
MS 5421	Capital Asset Pricing Model	Alternate	courses may be substituted as and wher
MS 5425	Empirical Asset Pricing	required.	
3.60 =04=	C		

Marketing

MS 5249	Advance Marketing Strategy
MS 5301	Seminars in Marketing
MS 5422	Distribution and Channel Management
MS 5424	Strategic Brand Management

MS 5426 Mathematical Modeling in Finance

Human Resource Management

MS 5317 Seminars in Finance

MS 5101	Change Management
MS 5102	Organizational Development
MS 5202	Organizational Strategies and
	Effectiveness

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 SS/CS/IT/ Media/MBA program with the prior approval of respective program managers.



PhD Management Science

For PhD Program, students are required to complete 48 credit hours. Five courses of 3 credit hours each, one Independent Research Study of 3 Credit Hours and One dissertation of 30 credit hours are required. Following are the important points for PhD in Management Sciences.

- There are two compulsory courses in PhD i.e. Advanced Research Methods and Techniques and Advanced Quantitative Tools for Research.
- Students cannot register in IRS before completing all compulsory courses.
- Candidate may be given prerequisite/deficiency courses or theses which will be decided by the Interview Board at the time of admission.
- Prerequisite Courses are non-credit courses.
- The student will not be allowed to register in PhD courses before completing prerequisite courses/thesis if any.
- Dissertation of 30 Credit Hours is Compulsory.
- Registration in Dissertation is allowed after passing Comprehensive Examination, GAT-Subject Test and maintaining minimum CGPA requirement.
- All the requirements of HEC pertaining to PhD must be fulfilled these are;
 - Passing GAT Subject with minimum 60%.
 - Maintaining minimum CGPA requirement for each course and for entire program.
 - Passing Comprehensive examination to establish the PhD candidacy (maximum 2 attempts allowed).
 - Publishing one Research Paper from the thesis in W,X, and Y-category journal before the completion of 30 Credit Hours Dissertation.
- Elective Courses to be selected from the specialized area of Marketing, Finance and Human Resource Management.
- Maximum Course Load for each Semester is 9 Credit Hours.
- Time duration for PhD is Minimum 3 years and Maximum 8 years.
- All General guidelines mentioned in DOCTORAL DEGREE PROGRAMS are applicable to PhD-Management Science.

First Year Third Year

Fall Semester	Fall Semester	
MS 6106 Advanced Research Methods	MS 6xxx	Dissertation

and Techniques

MS 6216 Advanced Quantitative Tools
for Research

Spring Semester
MS 6xxx Dissertation

for Research MS 6xxx
MS 6xxx Elective I

ELECTIVES Spring Semester

MS 6xxx	Elective II	Finance	
MS 6xxx	Elective III	MS 6111	Business Finance and Decision Making

MS 6xxx Independent Research Study MS 6113 Applied Econometrics MS 6202 Econometrics

Second Year

MS 6315 Capital Asset Pricing Model
MS 6317 Empirical Asset Pricing
Fall Semester

MS 6318 Financial Markets

MS 6318 Markets

MS 6xxx Dissertation (Proposal in One or Two Semester)

MS 6319 Modern Financial Applications MS 6322 Behavioral Finance

MS 6323 Corporate Finance
Spring Semester MS 6411 Financial Time Series

MS 6xxx Dissertation MS 6418 Operations and Mathematical Modeling

MS 6421 Corporate Finance Planning and Decision Elec MS 6422 Derivatives and Financial Risk cour MS 6423 Managerial Economics Alter MS 6325 Seminars in Finance requ MS 6425 Strategic Finance

MS 6xxx Mathematical Modeling in Finance

Marketing

MS 6204 Strategic Marketing Decisions
 MS 6215 Seminars in Marketing
 MS 6312 Advance Marketing Strategy
 MS 6316 Distribution and Channel Management

MS 6415 Strategic Brand Management

Human Resource Management

MS 6112 Strategic Human Resource Development

MS 6114 NGO Management MS 6201 Change Management

MS 6205 Public Administration and Governance

MS 6211 Organizational Development MS 6311 Corporate Governance

MS 6314 Global Corporate Strategy

MS 6321 Organizational Strategies and Effectiveness

MS 6324 Issues in Strategic Management

MS 6412 Creative Leadership

MS 6413 International Business Management

MS 6414 Global Governance and Development MS 6416 Negotiations and Conflict Resolution MS 6417 Leadership and Motivation Techniques

MS 6419 System Thinking and Organizational

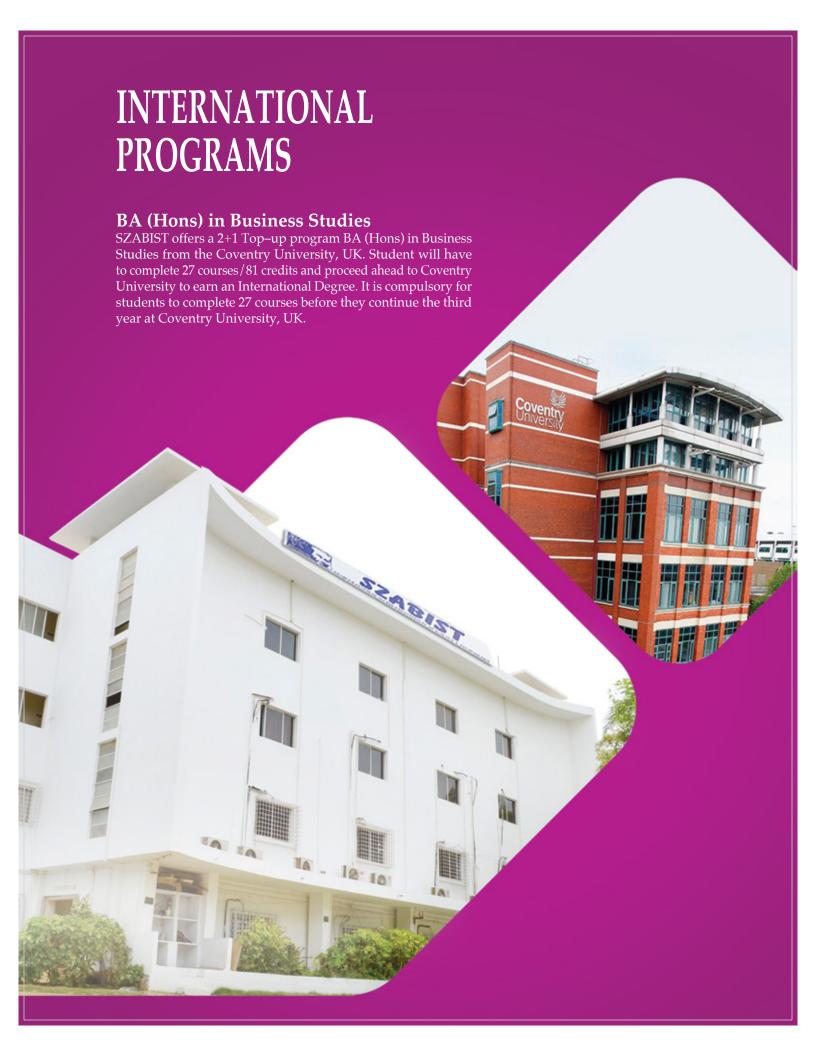
Learning

MS 6424 Strategic Management MS 6426 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.

Course registration is subjected to course offering as per Zabdesk each semester. The above course plan is tentative for basic understanding. Students can register in any number of offered course/s but not exceeding 3 courses (9 credit hours) per semester. One extra course can be allowed depending on the approval of program manager. Summer is not a regular semester and no fresh registration is offered during Summer. A student can take maximum two interdisciplinary elective courses in SS/CS/IT/Media/MBA program with the prior approval of respective program managers.







INTERNATIONAL PROGRAMS

BA (Hons) in Business Studies

Admission Requirements

The candidate must have completed O-Levels (minimum 8 subjects including 5 compulsory subjects; English, Urdu, Maths, Islamiat & Pakistan Studies) and A-levels (minimum 3 Subjects)/12th Grade/Intermediate with minimum 50% marks or equivalent from a recognized institution.

Equivalency from Inter Board Committee of Chairmen (IBCC) is required for O & A Levels/High School Diploma/IB Diploma or equivalent.

First Semester

riist Semi	ester	
BA 1101	Introduction to Accounting	1
BA 1102	Microeconomics	1
BA 1103	Introduction to Computers	1
BA 1104	Personal Management	1
BA 1206	Oral Communication and Presentation	1
	Skills	1
BA 1204	Maths for Business	

Second Semester

Decoma 5	emester
BA 1201	Financial Accounting
BA 1202	Macroeconomics
BA 1203	Management Principles
BA 1105	English Writing Skills
BA 2305	Statistics and Mathematics for Business
BA 2312	Human Behaviour

(Summer)

BA 2301	Introduction to Business Finance
BA 2302	Graphic Design in Multimedia
	Presentations

Third Semester

BA 2303	Marketing Principles
BA 2304	Managerial Accounting
BA 2306	Social Sciences
BA 2403	Business Ethics
BA 3504	Organizational Behavior
BA 3605	Statistical Inference

Fourth Semester

BA 3505	Quantitative Skills
BA 3601	Financial Management
BA 3602	Marketing Management
BA 4704	Management Information Systems
BA 4721	Advertising
BA 4801	Law and Taxation

All courses may not be offered every year. Alternate courses may be substituted as and when required.



ACADEMIC CALENDAR 2019-20 (Karachi Campus)

ACADEMIC CALENDAR 2019-20 (Karachi Campus)

FALL 2019

WEEK	COMMENTS
1	Course Registration
2	IS Thesis Advisors Meeting
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	Dead Week
17	Final Exam Week
18	Final Exam Week
	New Faculty Meeting/Orientation
	IS Thesis Advisors Meeting
	Comprehensive Exam
	Independent Research Study Presentations of MS/PhD students

Classes Commencement Date

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

ACADEMIC CALENDAR 2019-20 (Karachi Campus)

ACADEMIC CALENDAR 2019-20 (Karachi 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	Dead Week
17	Final Exam Week
18	Final Exam Week
	New Faculty Meeting/Orientation
	Independent Research Study Presentations of MS/PhD students
	Comprehensive Exam

Classes Commencement Date

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

CAMPUS WISE PROGRAMS OFFERING (FALL 2019)

PROGRAMS OFFERING AT DIFFERENT CAMPUSES OF SZABIST (FALL 2019)

DDOCDAMC	CAMPUS				
PROGRAMS	Karachi	Islamabad	Larkana	Hyderabad	Dubai
Bachelor of Business Administration (BBA)	✓	~	~	~	~
BA (Hons.) in Business Studies (BABS)	✓				
BS Accounting & Finance	✓	/	/	/	/
BS Entrepreneurship					
BS Computer Science		/	/	/	/
BS Software Engineering		✓		/	
BS Media Science		/			
BS Social Sciences		/			
BE Mechatronic Engineering					
BS Biosciences					
BS Biotechnology					
Bachelor of Law (LLB)					
Bachelor of Business Studies (BBS)				_	
Bachelor of Education (B.Ed.)					
Master in Business Administration (MBA)			/	/	/
Executive MBA		/	-	,	-
Masters in Project Management					<u> </u>
Professional MBA		/			•
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		~			~
		4		4	
MS Management Science MS Developmental Studies		/		/	
		~			
MS Mechatronic Engineering		4			
MS Data Sciences	4	✓			
MS Educational Leadership and Management					
MS Project Management	/	/			
MS Sociology					
MS Social Sciences	✓	/			
MS (SS) with specialization in Economics	✓				
MS (SS) with specialization in Psychology	✓	/			
MS (SS) with specialization in Sociology	✓				
MS (SS) with specialization in International Relations	✓				
MS (SS) with specialization in Political Science		~			
PhD Social Sciences	✓				
PhD (SS) with specialization in Economics	/				
PhD (SS) with specialization in Psychology	✓				
PhD (SS) with specialization in Sociology	~				
PhD (SS) with specialization in International Relations					
PhD Computing		/			
PhD Management Sciences		/			
PhD Educational Leadership and Management					
PhD Biosciences	/				













SZABIST Karachi Campus

90 and 100 Clifton, Karachi 75600 Phone: 92-21-111-922-478.

Email: info@szabist.edu.pk.

www.szabist.edu.pk.

www.facebook.com/szabistofficial



SZABIST Islamabad Campus

Street # 09, Plot # 67 Sector H-8/4,

Islamabad, Pakistan

Phone: 92-051-4863363-65 Fax: 92-051-4863367

Email: info@szabist-isb.edu.pk



SZABIST Larkana Campus

Sachal Colony, Larkana, Sindh,

Phone: 92-74-4752890-3 Email: info@lrk.szabist.edu.pk



SZABIST Hyderabad Campus

Ground, 3rd & 4th floor,

State Life Building, Thandi Sarak, Hyderabad

Phone # 92-22-2782442-43,

Fax # 92-22-2782444

Email: info@hyd.szabist.edu.pk



SZABIST Dubai Campus

6th Floor, Block-10, Dubai International

Academic City, Dubai, U.A.E

P.O Box No: 345004, Phone: +97143664601,

Fax: +971 4 3664607

Email: info@szabist.ac.ae,

www.szabist.ac.ae















