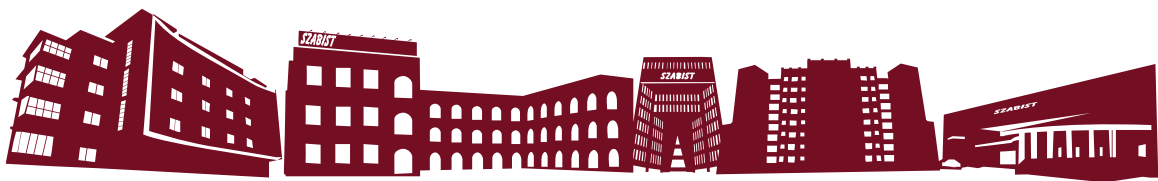# PROSPECTUS

2018

Shaheed Zulfikar Ali Bhutto Institute of Science & Technology

Dubai

www.szabist.ac.ae

Discover Yourself

We just Don't Work Hard
We Work Smart

SHAHEED ZULFIKAR ALI BHUTTO INSTITUTE OF SCIENCE & TECHNOLOGY

THE VISION

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

THE MISSION

SZABIST is committed to produce highly qualified professionals to:
- Meet national and global contemporary needs;
- Conduct cutting edge research and development;
- Provide hi-tech scientific and technological expertise;
- Meet current and future socio-economic challenges;
- Meet global citizenship responsibility.

CONTENTS

SHAHEED ZULFIKAR ALI BHUTTO

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

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

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

SHAHEED MOHTARMA BENAZIR BHUTTO

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

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

Reconciliation: Islam, Democracy and the West, 2008.

CHANCELLOR'S MESSAGE

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

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

To achieve the mission of our founding Chancellor Shaheed Mohtarma Benazir Bhutto i.e. providing opportunity for high quality tertiary education and research to the youth in different areas of Pakistan, SZABIST, now has four campuses in Pakistan-Karachi, Islamabad, Larkana and Hyderabad, and an overseas campus in Dubai, UAE.

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

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

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

As I welcome the new students, I encourage them to strive for excellence, develop freedom of thought and speech, and while they equip themselves with marketable skills, they should actively work to free our beloved country from bigotry and ignorance.

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

Dr. Azra Fazal Pechuho
Chancellor
SZABIST

PRESIDENT'S MESSAGE

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

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

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

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

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

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

Shahnaz Wazir Ali
President
SZABIST

DIRECTOR'S MESSAGE

Congratulations on making the right choice for your future by selecting SZABIST to pursue your higher education.

At SZABIST we offer the best possible educational experience for our students. Our knowledgeable, highly qualified faculty and dedicated staff work with a keen focus on student success. Our faculty and staff create a sense of community for all students by their personal involvement and zeal. At SZABIST we guide our students to pursue their dreams and ambitions in a supportive environment.

SZABIST has something unique to offer to all students. The range of choices at SZABIST allows for greater flexibility and accessibility to better meet the diverse needs of our students. We are constantly reviewing and updating our programs and technology to ensure our students are fully prepared to embark on a career of their choice. We know the importance of continuous self development in today's world. The Quality Enhancement Cell at SZABIST provides its services for continuous improvement at SZABIST. The Quality Enhancement Cell has recently been awarded the highest category by the Higher Education Commission of Pakistan.

We live in a world that is changing rapidly and this will have a significant impact on the role played by the educational institutions. In this world of change, one constant factor will be the importance of knowledge and education and will be highly sought after in the world, and more specifically in a developing country like Pakistan. This is a challenge for educational institutions. SZABIST has always strived to work towards promoting the education sector in Pakistan and will continue to do so to face the challenges of today's world by educating and training the youth for a better tomorrow.

I welcome you all to SZABIST Dubai. Come, Discover Yourself.

Bakhtawar Bhutto Zardari
Director
SZABIST Dubai

HEAD OF CAMPUS 'S MESSAGE

I welcome the new students and their parents to the SZABIST Dubai community for the Academic year 2018-2019. SZABIST was established by Shaheed Mohtarma Benazir Bhutto in memory of her father Shaheed Zulfikar Ali Bhutto, whose dream was to see an educated Pakistan. SZABIST Dubai continues to prosper under the dynamic leadership of Ms. Bakhtawar Bhutto Zardari, serving the Pakistani community based in U.A.E.

SZABIST Dubai is proud to be the institutional home of an outstanding graduate culture. Our faculty members are scholars and teachers with a very strong focus on the students in our programs – each student is an individual. Our diverse faculty is dedicated to helping students explore their possibilities and achieve their potential.

Our undergraduate and graduate programs are accredited by Higher Education Commission of Pakistan and approved by Knowledge & Human Development Authority in Dubai. SZABIST is committed to providing academic excellence in classrooms, relevant programs in our curriculum, and personal attention to our students.

One of our great strengths is the enthusiastic and personal involvement of our faculty and staff in creating a sense of community. We believe that the opportunity for higher education should be available to all who seek it, and we will continue to meet the ongoing challenges that higher education presents in the years ahead.
Our students are provided with the academic tools, practical skills, and real world opportunities necessary to advance as leaders in their professions and their communities. We encourage active participation in an education that challenges critical thinking, provides career preparation, instills values, and inspires lifelong learning. We realize that each student is unique and, as a community, we strive to maximize that unique potential.

Higher education plays an important role in shaping your future. Make sure that you make the right choice in coming to SZABIST as a first step towards securing a bright and vibrant future.

Dr. M.N. Brohi
Head of Campus SZABIST Dubai

INTRODUCTION

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (SZABIST) is a 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 provided by the HEC.

SZABIST has five campuses located in Karachi, Hyderabad, Larkana, Islamabad and Dubai, with a current student population of over 11000. SZABIST has proudly awarded degrees to over 14500 talented graduates. Our alumni are sought after by national and multinational organizations and hold key positions in several reputable firms at national and international level.

SZABIST Dubai offers undergraduate and graduate degrees in different disciplines: Management Sciences and Computer Sciences.

SZABIST is listed as one of the most reputed and highest ranked universities by HEC and Chartered Inspection and Evaluation Committee (CIEC). SZABIST Business School has been rated as "Outstanding" by the Chartered Inspection and Evaluation Committee (CIEC), HEC, Pakistan. The programs offered at Dubai Campus are recognized by Knowledge and Human Development Authority (KHDA), Dubai, United Arab Emirates (UAE). The SZABIST-QEC has been ranked in "W" category (the highest category), consecutively, in the last four assessments by Quality Assurance Agency (QAA), HEC, Pakistan.

INTRODUCTION

SZABIST Dubai Campus has international collaborations with University of South Wales and University of Bedfordshire for undergradute programs in Business Management and Computer Science.

SZABIST Dubai Campus is located in Dubai International Academic City (DIAC), the world's only Free Zone dedicated to higher education. Here, in the company of some of the finest institutions from across the globe, we aspire to achieve new heights in the pursuit of knowledge and academic excellence.

PROGRAMS & CURRICULA

DEGREES OFFERED

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

Bachelor of Business Administration (BBA)

SZABIST offers a four-year (eight semesters) BBA degree program of 144 credit hours. This is SZABIST's flagship program. For the BBA program, the students are required to complete 46 courses and 6 credit hours Research Project. The program includes 42 compulsory courses and 4 elective courses from Management, Marketing and Finance. To obtain the BBA degree, students have to complete 144 credit hours and six-week internship. The maximum time limit to complete the BBA degree is six years.

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 credits 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 Science in Computer Science (BS CS)

SZABIST offers a four-year (eight semesters) BS Computer Science degree program. The program covers a wide range of courses in core computer science, information technology and software engineering. The program is essentially a day program and consists of 40 courses (five courses per semester) with a total of 130 credit hours. The complete course plan includes 8 technical electives and 4 university electives. These 8 technical electives provide intensive learning in the diversified areas of computer science and allied disciplines. Internship opportunities are provided to complete degree requirement. The maximum time limit to complete the degree program is six years

PROGRAMS & CURRICULA

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. The unique program is specifically designed for those executives who aim to enhance 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, one Business Project (3 credits hour) and one Research Project (3 credits) 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 MBA as an Evening program with specialization in Management, Human Resource Management, Marketing and Finance. The maximum duration to complete the MBA program is four years.

MBA (36 credit-hour program)

This program is tailored for students with a four-year BBA/Equivalent business degree. The minimum duration to complete the program is 1.5 years. The program comprises 10 courses (30 credit hours) and Business Research Project (6 credit hours) OR Academic Research Project (6 credit hours) OR Thesis (6 credit hours). Students are also required to complete a six weeks internship to fulfill degree requirements. The maximum duration to complete MBA is four years.

MBA (72 credit-hour program)

This program is designed for students having a four-year non-business bachelor degree (e.g. BS-CS, BE etc.) or 16 years of education in different disciplines. The minimum duration to complete this program is 2.5 years. Twenty-two courses (66 credit hours) and Business Research Project (6 credit hours) OR Academic Research Project (6 credit hours) OR Thesis (6 credit hours) are required to complete the program. Students are also required to undertake a six week duration of internship during summer. The maximum duration to complete the program is four years

MBA (90 credit-hour program)

This program is developed for students having a 2-3 year undergraduate degree. The duration of the program is 3 to 3.5 years. Twenty-eight courses (84 credits) and Business Research Project (6 credits) OR Academic Research Project (6 credits) are required to complete the program. Students are also required to undertake a 6-week internship. The maximum duration to complete MBA-90 credit hour is 4 years.

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 1-1.5 -year weekend program comprising 33 credit hours spread over 3 semesters. Total eleven courses are required to graduate. Maximum time limit to complete the MPM degree is four years.

PROGRAMS & CURRICULA

Master of Science in Computer Science (MS CS)

SZABIST offers MS (CS) degree in three domains: Core Computer Science area and in two specialization tracks, i.e., Software Engineering (SE) and Networks and Security (N&S). Students are required to complete 3 focused courses in any specific domain.

The program is of 2-year duration and is offered as a weekend program. It requires 33 credit hours to complete. Student has the option to complete MS through course work only or with research. If student opts for course work only, he/she is required to complete 11 courses of 3 credit hours each. Else, the student is required to complete 9 Courses (27 credit hours) and Two Independent Research Study (6 credit hours) OR One Thesis (6 credit hours).

Eligibility to this program is a 4-year BS (CS) or 2-year MCS degree from a recognized institution. The candidates with a 4-year professional degree (BE, MSc, etc.) may also apply but will require to complete deficiency conversion courses (upto 18 credit hours courses to be determined in consultation with Program Manager). The candidates shall have to submit GRE (General)/GAT (General)/HAT relevant score of minimum 50%. The maximum time limit to complete the MS degree is four years.

PROGRAMS & CURRICULA

Grading Plan

The following Letter Grade Plan will be followed at SZABIST for admissions from Fall 2018

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

ADMISSION REQUIREMENTS

NOTE:

- All applicants will be required to appear in an entrance test and interview held by SZABIST.
- General paper (A Levels) will not be counted.
- Equivalency from Inter Board Committee of Chairmen (IBCC) is mandatory for O & A Levels/High School Diploma/IB Diploma or equivalent.
- Verification of last degree from Higher Education Commission of Pakistan (HEC) is mandatory for all Masters & MS students.
- Equivalency of international degrees from Higher Education Commission of Pakistan (HEC) is mandatory for all Masters & MS students.
- Students waiting for results can also apply (including first year with no supplementary).
- Admission of Foreign students are subject to clearance from the relevant Agencies/NoC from HEC.

BACHELOR DEGREE PROGRAMS

BBA/BS Programs

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

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

MASTER DEGREE PROGRAMS

Executive MBA

For admission in the EMBA program, the candidate must possess a Bachelors degree with minimum 50% marks/2.5 CGPA from a university recognized by the Higher Education Commission (HEC) in any field of study with 4 years work experience at mid level/high management position (verifiable) at some well known organization. This requirement is necessary to seek admission in this program.

Candidates with a minimum GMAT Score of 600 secured in the last 2 years are exempted from the admission test.

MBA

(36 credit-hour program)

For admission in the MBA 36 credit-hour program, the candidate must possess a 4 years BBA or relevant business degree with minimum 2.5 CGPA from a university recognized by the Higher Education Commission (HEC).

(72 credit-hour program)

For admission in the MBA 72 credit-hour program, the candidate must possess a 4 years non-business bachelor degree with minimum 2.5 CGPA or 16 years of education with minimum 55% marks from a university recognized by the HEC.

(90 credit-hour program)

For admission in the MBA 90 credit-hour program, the candidate must possess 14 years education with minimum CGPA of 2.5 or 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 in Computer Science

For admission to MSCS program candidates must possess 16 years of relevant education with minimum 60% marks/2.0 CGPA from a university recognized by HEC. GAT (General) or HAT relevant is mandatory for MS students with minimum 50% score.

ADMISSION REQUIREMENTS

Admission Test Alternates

Applicants may submit a minimum 1650/2400 or 1100/1600 score of SAT 1 for bachelors programs, 50% score of GMAT for Master Programs, 600 score of GMAT for EMBA, GAT (General)/GRE/HAT relevant with minimum 50% score for MS programs

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

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.

ADMISSION REQUIREMENTS

Bachelor Course Transfer

A maximum of up to 50% credits may be considered for transfer into BBA/BS program.

MBA Course Transfer

- A maximum of up to 6 credits may be considered for transfer into the MBA (36 credit hours) program. Research Project/Thesis is not transferable.

- A maximum of up to 36 credits may be considered for transfer into the MBA (72 credit hours) program. Research Project/Thesis is not transferable.

- A maximum of up to 45 credits may be considered for transfer into the MBA (90 credit hours) program. 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.

MPM Course Transfer

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

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.

SZABIST Inter-Campus Transfer

For inter-campus transfer, the candidate must fulfill the admission requirements of the given program at the local campus, as per applicable transfer policy.
All courses/grades are transferable. A transfer fee will be payable for students transferring from any other SZABIST campus.

Certificate Course Transfer

For transfer candidates from the SZABIST Certificate Programs, transferability of certificate courses will be as per policy at home campus.

- Maximum 05 courses are transferable in under graduate program.

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

LIFE AT SZABIST

Job & Internship Placements

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

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

Eligibility for Internship

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

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

Minimum duration of internship is six weeks.

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

Student Activities

Student campus activities are regularly organized throughout the academic year routed through the Student Advisor Office. Students also participate in the activities organized by Dubai International Academic City (DIAC) Student Hub and other universities. The Student Council at SZABIST Dubai function under the guidance of the Student Advisor's Office. SZABIST Dubai students have been always active as DIAC student reps as well.

SZABIST Dubai Cricket & Football Club

The Cricket Club has an active presence at SZABIST Dubai. The cricket team regularly participates in various competitions and shows its strength by performing quite well. In Spring 2018, a football club has been launched as well.

SZABIST Dubai IEEE Student Chapter

IEEE SZABIST Student Chapter formed at Dubai Campus Computer Science Department. Quiz competitions and Innovative Idea Competitions have been organized by the Student Chapter since its formation.

Newsletters

SZABIST publishes "SZAB'nings" from Karachi, "ZABNEWS" from Larkana and Islamabad and "INSIGHT" from Dubai. All previous issues of these publications and information on ongoing activities and events are available on the SZABIST website.

FACULTY OF MANAGEMENT SCIENCES

FACULTY OF MANAGEMENT SCIENCES

The faculty of management sciences at SZABIST equips students for leadership roles in business. SZABIST offers multidisciplinary course work to provide students with an understanding of the functioning and complexities of the corporate world. The course work at SZABIST is an intensive study in the latest curriculum through activity and strategy-based methodology, and offers concentration in Management, Marketing, Finance and Human Resource Management.

PROGRAM AND FACULTY

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

Vision

The Faculty of Management Sciences at SZABIST aspires to become one of the leading business education institute for excellence in education and services distinction in research and innovation.

Mission

SZABIST Business School is committed to:

- Produce highly qualified business professionals to meet dynamic and challenging contemporary needs.
- Generate scientific knowledge and expertise for business and economic solutions.
- Build sustainable environment for corporate and entrepreneurial mindset.
- Serve the community through student, faculty, and alumni collaboration.

FACULTY OF MANAGEMENT SCIENCES

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 6-credit Research Project. The courses include 42 compulsory courses and 4 electives from Management, Marketing and Finance. To obtain the BBA degree, the students have to complete 144 credit hours and an internship. The degree needs to be completed within six years.

First Year

Fall Semester

BA 1101	Introduction to Accounting
BA 1106	Islamiat and Pakistan Studies/Humanities
BA 1108	IT in Business
BA 1109	Personal Management and Communication
BA 1204	Maths for Business
BA 1206	Oral Communication and Presentation Skills

Spring Semester

BA 1102	Microeconomics
BA 1105	English Writing Skills
BA 1201	Financial Accounting
BA 1203	Management Principles
BA 2307	Sociology
BA 2312	Human Behavior

Second Year

Fall Semester

BA 1202	Macroeconomics
BA 1211	Logic and Critical Thinking
BA 2301	Introduction to Business Finance
BA 2303	Marketing Principles
BA 2403	Business Ethics
BA 2408	Cost Accounting

Spring Semester

BA 2311	Business Statistics
BA 2401	Money and Banking
BA 2402	Retail Management
BA 2406	Business and Electronic Communication
BA 3504	Organizational Behavior
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	Optional-I (as offered by Campus)

Spring Semester

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

Fourth Year

Fall Semester

BA 3505	Quantitative Skills
BA 4704	Management Information Systems
BA 4705	Services Marketing
BA 4814	Project Management
BA 4xxx	Elective-I
BA 4xxx	Elective-II

Spring Semester

BA 3502	Entrepreneurship
BA 3613	World Economy
BA 4807	Research Project**
BA 4xxx	Elective-III
BA 4xxx	Elective-IV

FACULTY OF MANAGEMENT SCIENCES

Optional Courses (To be offered by the campus as Compulsory courses)

BA 3519	Current Affairs
BA 3613	World Economy
BA 3614	Business Analysis and Forecasting*
BA 3619	Enterprise Management
BA 4701	Islamic Banking and Finance*
BA 4707	Marketing Research*
BA 3515	Graphic Design for Multimedia*
BA xxxx	Professional Development

ELECTIVES

Finance

BA 4735	Islamic Banking and Finance*
BA 4719	Investment Banking
BA 4724	Financial Modeling
BA 4734	International Banking
BA 4752	Financial Reporting and Analysis
BA 4833	Security Analysis
BA 4834	Treasury and Funds Management
BA 4855	Financial Risk Analysis

Marketing

BA 4721	Advertising
BA 4722	Brand Management
BA 4815	Event Management
BA 4821	Media Planning
BA 4824	Sales Management

Management

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

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

**Research Project (BA 4807) may be substituted with BA 47XX Research Project-1 (3 Credit Hours) and BA 48XX Research Project-2 (3 Credit Hours) to be offered over two semesters as per the requirement of the campus.

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).

Internship

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

FACULTY OF MANAGEMENT SCIENCES

BS Accounting & Finance

BS (A&F) is a four years (eight semesters) program and consists of 144 credit hours of teaching. Students are required to complete 46 courses and a 6 credit hours of final year project along with six weeks of internship to graduate. Students completing BS (A&F) will get an exemption in ACCA modules from F1 to F9. The maximum duration to complete this 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 1106	Principles of Management
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 3503	Business Ethics
AF 3505	Principles of Macroeconomics
AF 4703	Introduction to Business Finance

Spring Semester

AF 2301	Business and Technical English Writing
AF 2305	Organizational Behavior
AF 2401	Management Accounting
AF 2402	Management Information Systems
AF 2404	Money and Banking
AF 2406	Statistics and Probability

Third Year

Fall Semester

AF 3501	Accounting and Financial Information Systems
AF 3502	Auditing
AF 3506	Statistical Inference
AF 3603	e-Commerce
AF 3606	Taxation
AF 3608	Islamic Banking and Finance

Spring Semester

AF 1204	Introduction to Human Resource Management
AF 2403	Marketing Management
AF 3607	Corporate Accounting
AF 4701	Business and Labor Law
AF 4702	Financial Management
AF 3609	Business Research Methodologies

Fourth Year

Fall Semester

AF 4708	Financial Risk Management
AF 4704	Islamic Financial System
AF 4707	Company Law
AF 4801	Corporate Finance
AF 4804	Investment Analysis and Portfolio Management
AF 4805	Management of Financial Institutions

Spring Semester

AF 2306	Pakistan Economic Policy
AF 3504	Entrepreneurship and Small Business Management
AF 3605	Financial Reporting
AF 4808	Final Project
AF 4803	International Financial Management

FACULTY OF MANAGEMENT SCIENCES

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.

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

FACULTY OF MANAGEMENT SCIENCES

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

Fall Semester

BE 417	Accounting for Business
BE 421	Economics for Business
BE 451	Business Application of IT
BE 492	Business Management
BE 413	Quantitative Analysis for Decision Making

Spring Semester

BE 445	Managerial Accounting and Control
BE 415	Contemporary Marketing
BE 416	Organizational Behavior
BE 447	Managerial Communication
BE 414	Business Finance
BE 406	Applied Research Methods

Second Year

Fall Semester

BE 478	Business Project
BE 423	Human Resource Management
BE 434	Marketing Management
BE 449	Operations and Supply Chain Management
BE 4xx	Elective-I (Marketing, HR and Finance)

Spring Semester

BE 419	Strategic Management
BE 443	Entrepreneurship and Family Businesses
BE 444	Ethics and Corporate Governance
BE 4xx	Elective-II (Marketing, HR and Finance)
BE 4xx	Elective-III (Marketing, HR and Finance)
BE 448	Research Project

FACULTY OF MANAGEMENT SCIENCES

ELECTIVES

Marketing
BE 432   Services Marketing
BE 436   Retail Management
BE 472   Media Planning and Management
BE 473   Advertising
BE 474   Brand Management
BE 484   Consumer Behavior

Finance
BE 424   International Banking and Finance
BE 481   Corporate Finance
BE 482   Islamic Banking and Finance
BE 483   Analysis of Financial Statements
BE 487   Portfolio and Investment Management
BE 488   Project Evaluation

Human Resource Management
BE 427   Leadership and Motivational
         Techniques
BE 471   Compensation Management
BE 476   Recruitment and Selection
BE 485   Performance Appraisal
BE 486   Training and Development

The University reserves the right to change its programs and policies at any time without prior notification. All courses may not be offered every year. Alternate courses may be substituted as and when needed.

FACULTY OF MANAGEMENT SCIENCES

MBA Program

(36 credit hours program for students with 4-year BBA degree/equivalent business degree)

For students with a 4-years BBA degree or equivalent business degree, the duration of the MBA is 1.5-years. Ten MBA courses (30 credits) and Business Research Project (6 credits) or Academic Research Projects (6 credits) Or Thesis (6 credit hours) are needed to graduate. Students are also required to complete a 6-week internship. The maximum duration to complete this degree is 4 years.

First Year

Fall Semester
BA 5501   Applied Research Methods
BA 5104   Strategic Management
BA 5xxx   Elective-I
BA 5xxx   Elective-II

Spring Semester
BA 5203   Strategic Marketing
BA 5601   Strategic HRM
BA 5208   Strategic Finance
BA 5xxx   Elective-III

Second Year

Fall Semester
BA 5308   International Business
BA 5xxx   Elective-IV
BA 5609   Academic Research Project (6 Credits)
BA 5509   Business Research Project (6 Credits)
BA 5109   Thesis (6 Credits)

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

*A student may take either Academic Research Project or Business Research Project or Thesis.

MBA Program

(72 credit hours program for students with a 4-year non-business degree)

For students with 4-year non-business degree/16-years of education, the duration of the MBA program is 2.5-years. Twenty-two courses (66 credits) and Business Research Project (6 credits) or Academic Research Projects (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 and Ethics
BA 5418   Managerial Communication
BA 5502   Quantitative Tools for Managers
BA 5404   Marketing Principles
BA 5207   Organizational Behavior

Spring Semester
BA 5106   Marketing Management
BA 5205   Human Resource Management
BA 5411   Cost and Management Accounting
BA 5401   Introduction to Business Finance
BA 5408   Business Economics
BA 5501   Applied Research Methods

Second Year

Fall Semester
BA 5308   International Business
BA 5104   Strategic Management
BA 5105   Financial Management
BA 5203   Strategic Marketing
BA 5xxx   Elective-I
BA 5xxx   Elective-II

Spring Semester
BA 5601   Strategic HRM
BA 5208   Strategic Finance
BA 5xxx   Elective-III
BA 5xxx   Elective-IV
BA 5609   Academic Research Project (6 Credits)
BA 5509   Business Research Project (6 Credits)
BA 5109   Thesis (6 Credits)

FACULTY OF MANAGEMENT SCIENCES

MBA PROGRAM
(90 credit hours program for students with a 2 to 3-year undergraduate degree)

For students with 2 to 3-year undergraduate degree, the duration of the MBA program is 3 to 3.5 years. Twenty-eight courses (84 credits) and Business Research Project (6 credits) OR Academic Research Projects (6 credits) are needed to graduate. Students are also required to complete a 6-week internship and clear the SZABIST Comprehensive Exam. The maximum duration to complete this degree is 4 years.

First Year

Fall Semester

BA 5602	Oral Communication and Presentation Skills
BA 5301	Financial Accounting
BA 5419	Business Management and Ethics
BA 5311	Personal Management
BA 5408	Business Economics

Spring Semester

BA 5404	Marketing Principles
BA 5305	Statistics and Mathematics for Business
BA 5317	English Writing Skills
BA 5401	Introduction to Business Finance
BA 5207	Organizational Behavior

Second Year

Fall Semester

BA 5405	Statistical Inference
BA 5105	Financial Management
BA 5106	Marketing Management
BA 5418	Managerial Communication
BA 5205	Human Resource Management

Spring Semester

BA 5501	Applied Research Methods
BA 5411	Cost and Management Accounting
BA 5503	Logic and Critical Thinking
BA 5xxx	Elective-I
BA 5xxx	Elective-II

Third Year

Fall Semester

BA 5104	Strategic Management
BA 5208	Strategic Finance
BA 5406	Entrepreneurship

BA 5xxx	Elective-III
BA 5xxx	Elective IV

Spring Semester

BA 5203	Strategic Marketing
BA 5601	Strategic HRM
BA 5308	International Business
*BA 5609	Academic Research Project (6 Credits)
BA 5509	Business Research Project (6 Credits)

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

*A student may take either Academic Research Project or Business Research Project or Thesis.

FACULTY OF MANAGEMENT SCIENCES

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

*A student may take Academic Research Project or Business Research Project or Thesis.

ELECTIVES
Finance
BA 5131   Advance Financial Management
BA 5132   Analysis of Financial Statements
BA 5133   Corporate Finance
BA 5135   Financial Markets and Institutions
BA 5137   International Banking
BA 5231   Islamic Banking and Finance
BA 5232   Portfolio and Investment Management
BA 5235   Treasury and Funds Management

Human Resource Management
BA 5114   Leadership and Motivation Techniques
BA 5118   Compensation Management
BA 5117   Performance Appraisal
BA 5185   Leadership Development
BA 5215   Recruitment and Selection
BA 5216   Training and Development

Management
BA 5112   Change Management
BA 5152   Event Management
BA 5213   Project Management
BA 5295   Crisis Management

Marketing
BA 5121   Advertising
BA 5122   Brand Management
BA 5123   Consumer Behavior
BA 5124   Customer Relationship Management
BA 5129   Services Marketing
BA 5224   Media Planning and Management
BA 5227   Sales Management
BA 5228   Retail Management
BA 5299   Media Management

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

FACULTY OF MANAGEMENT SCIENCES

Masters in Project Management (MPM)

The Masters in Project Management is designed to enable individuals to manage complex projects of today through modern project management approaches. MPM is a 1-1.5-year weekend program comprising 33 credit hours spread over 3 semesters. Eleven courses are required to graduate. The maximum time to complete the degree is 4 years.

First Year

Fall Semester

PM5102	Fundamentals of Project Management
PM5104	Cost and Financial Management for Project Management
PM5105	Project Scope
PM5310	SAP Training *
PM5201	Project Scheduling, Planning and Time Management

Spring Semester

PM5301	Project Quality Management
PM5351	Project Risk Management
PM5309	Project in Primavera
PM5xxx	Elective-I
PM5xxx	Elective-II
PM5209	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.

FACULTY OF COMPUTING
AND ENGINEERING SCIENCES

FACULTY OF COMPUTING AND ENGINEERING SCIENCES

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

FACULTY OF COMPUTING AND ENGINEERING SCIENCES

BS Computer Science

The program is offered through qualified faculty. It consists of 40 courses (five courses per semester) with a total of 130 credit hours. The maximum time to complete the degree is six years.

BS (Computer Science) COURSE PLAN (ROADMAP)

Sem.	Codes	Course Title	Cr.Hrs.		Pre-Req.
First Year					
Fall Semester					
	CSC 1108	Introduction to Computer Science	2, 0	2	
	CSCL 1108	Lab : Introduction to Computer Science	0, 1	1	
	CSC 1103	Fundamentals of Programming	3, 0	3	
	CSCL 1103	Lab : Fundamentals of Programming	0, 1	1	
	CSC 1102	English Composition and Comprehension	3, 0	3	
	CSC 1101	Calculus and Analytical Geometry	3, 0	3	
	CSC 1107	Applied Physics	2, 0	2	
	CSCL 1107	Lab : Applied Physics	0, 1	1	
			16		
Spring Semester					
	CSC 2103	Digital Logic Design	3, 0	3	CSC 1204
	CSCL 2103	Lab: Digital Logic Design	0, 1	1	
	CSC 1208	Object Oriented Programming Techniques	3, 0	3	CSC 1103
	CSCL 1208	Lab: Object Oriented Programming Techniques	0, 1	1	
	CSC 2101	Communication and Presentation Skills	3, 0	3	CSC 1102
	CSC 2105	Statistics and Probability	3, 0	3	
	CSC xxxx	University Elective-1	3, 0	3	
			17		
Second Year					
Fall Semester					
	CSC 2201	Computer Organization and Assembly Language	3, 0	3	
	CSCL 2201	Lab: Computer Organization and Assembly Language	0, 1	1	
	CSC 2102	Data Structures and Algorithms	3, 0	3	CSC 1203
	CSCL 2102	Lab: Data Structures and Algorithms	0, 1	1	
	CSC 1201	Discrete Mathematical Structures	3, 0	3	
	CSC 4102	Professional Practices	3, 0	3	
	CSC xxxx	CS Supporting-1	3, 0	3	
			17		
Spring Semester					
	CSC 3202	Design and Analysis of Algorithms	3, 0	3	CSC 2102
	CSC 2204	Finite Automata Theory and Formal Languages	3, 0	3	
	CSC 2203	Database Systems	3, 0	3	CSC 2102
	CSCL 2203	Lab: Database Systems	0, 1	1	
	CSC 2206	Linear Algebra	3, 0	3	
	CSC xxxx	University Elective-2	3, 0	3	
			16		

FACULTY OF COMPUTING AND ENGINEERING SCIENCES

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

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

FACULTY OF COMPUTING AND ENGINEERING SCIENCES

CS ELECTIVES

CSC 4802   Android Application Development
CSC 4805   Data and Network Security
CSC 4505   Systems Administration
CSC 4807   Embedded Programming
CSC 4708   Enterprise Resource Planning
CSC 4808   Ethical Hacking
CSC 4714   Network Security and Encryption
CSC 4815   Software Engineering-II
CSC 4814   Software Project Management
CSC 4716   Switching and Routing
CSC 4816   Technopreneurship
CSC 4717   Web Technologies-I
CSC 4817   Web Technologies-II
CSC 4718   Wireless and Mobile Technologies
CSC 4721   Introduction to Cloud Computing

UNIVERSITY ELECTIVES

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

CSC 4501   Business and Technology Ethics
CSC xxxx   Psychology
CSC 4605   Sociology
CSC 4503   Introduction to Accounting
CSC 4603   Management Principles
CSC 4504   Organizational Behavior
CSC 4604   Research Report
CSC 4505   Systems Administration

COMPUTER SCIENCE SUPPORTING COURSES

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

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

DISTRIBUTION OF CREDIT HOURS

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

Internship

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

FACULTY OF COMPUTING AND ENGINEERING SCIENCES

MS Computer Science

SZABIST offers MSCS degree in three domains: Core Computer Science area and in two specialization tracks, i.e., Software Engineering (SE) and Networks and Security (N&S) in order to cater to the market needs. Students have to complete 3 focused courses in any specific domain.

The program is of 2-year duration and is offered as a weekend program. It requires 33 credit hours to complete. Although the institutional administration emphasize and encourage students to undertake Research, they can take two courses in lieu of Research in specific domains. If student opts for course work only, he/she is required to complete 11 courses of 3 credit hours each, else the student is required to complete 9 Courses (27 credit hours) and Two Independent Research Study (6 credit hours) OR One Thesis (6 credit hours).

The maximum time limit to complete the MS degree is 4 years.

Master of Science in Computer Science (In Core Computer Science)

First Year

First Semester
CSC 5105 Research Methodology
CSC 5102 Theory of Computation

Second Semester
CSC 5201 Advanced Operating Systems
CSC 5101 Advanced Algorithms Analysis

Third Semester
CSC 5202 Advanced Computer Architecture
CSC 5xxx Elective-I (from CS Stream-I)

Second Year

First Semester
CSC 5xxx Elective-II (from CS-Stream-I)
CSC 5xxx Elective-III (from CS-Stream-I)

Second Semester
CSC 5xxx Thesis /IRS I /OR Course Work
         (from CS-Stream-II)
CSC 5xxx Elective-IV (from CS-Stream-I)

Third Semester
 CSC 5xxx Thesis /IRS II /OR Course Work
         (from CS-Stream-II)

Master of Scuence in Computer Science (With Specialization in Software Engineering)

First Year

First Semester
CSC 5105 Research Methodology
CSC 5102 Theory of Computation

Second Semester
CSC 5201 Advanced Operating Systems
CSC 5101 Advanced Algorithms Analysis

Third Semester
CSC 5202 Advanced Computer Architecture
SEC 5xxx Elective-I (from SE Stream-I)

Second Year

First Semester
SEC 5xxx Elective-II (from SE-Stream-I)
SEC 5xxx Elective-III (from SE-Stream-I)

Second Semester
CSC/SEC 5xxx   Thesis/ IRS I/OR Course Work
         (from CS Stream II or from SE-Stream-II)
SEC 5xxx Elective-IV (from SE-Stream-I)

Third Semester
 CSC/SEC 5xxx Thesis /IRS II/OR Course Work
         (from CS Stream II or from SE-Stream-II)

FACULTY OF COMPUTING AND ENGINEERING SCIENCES

Master of Science in Computer Science
(With Specialization in Networks & Security)
First Year

First Semester
CSC 5105 Research Methodology
CSC 5102 Theory of Computation

Second Semester
CSC 5201 Advanced Operating Systems
CSC 5101 Advanced Algorithms Analysis

Third Semester
CSC 5202 Advanced Computer Architecture
NSC 5xxx Elective-I (from N&S Stream-I)

Second Year

First Semester
NSC 5xxx Elective-II (from N&S-Stream-I)
NSC 5xxx Elective-III (from N&S-Stream-I)

Second Semester
CSC/NSC 5xxx   Thesis /IRS I/OR Course Work
                 (from CS Stream II   or
                  from N&S-Stream-II)
NSC 5xxx Elective-IV (from N&S-Stream-I)

Third Semester
 CSC/NSC 5xxx Thesis /IRS II/OR Course Work
                 (from CS Stream II   or
                  from N&S-Stream-II)

CS-Stream-I
CSC 5xxx   Real-Time Systems
CSC 5xxx   Digital Image Processing
CSC 5xxx   Machine Learning
CSC 5xxx   Data Mining
CSC 5xxx   Operation Research
CSC 5xxx   Expert System

CS-Stream-II
CSC 5xxx   Reverse Engineering
CSC 5xxx   Digital Forensics and Malware Analysis
CSC 5xxx   Advanced Resource Sharing Architecture
CSC 5xxx   Computer Vision
CSC 5xxx   Robotics
CSC 5xxx   Advanced Database Design

CSC 5xxx   Distributed Computing
CSC 5xxx   Systems and Network Programming

SE-Stream-I
SEC 5xxx   Software Requirement Engineering
SEC 5xxx   Software System Architecture
SEC 5xxx   Software System Quality
SEC 5xxx   Advanced Software Engineering

SE-Stream-II
SEC 5xxx   Software Analysis and Testing
SEC 5xxx   Web Engineering
SEC 5xxx   Software Project Management

N&S-Stream-I
NSC 5xxx Advanced Computer Networks
NSC 5xxx Network Security
NSC 5xxx Applied Cryptography
NSC 5xxx Information Security
NSC 5xxx Wireless Sensor Networks

N&S-Stream-II
NSC 5xxx Telecom Policies and Regulations
NSC 5xxx Mobile Ad-hoc Networks
NSC 5xxx Advanced Data Communications

Pre-Requisites:

- For any advanced course, pre-requisite course must have been taken before.
- For each track, the following courses must have been done prior to admission.

MS (CS) (In Core Computer Science)
Artificial Intelligence
Finite Automata Theory
Digital Logic Design

MS (CS) with SE-Specialization
Artificial Intelligence
Finite Automata Theory
Digital Logic Design
Software Engineering-I

MS (CS) with N&S-Specialization
Data Communication and Computer Networks
Finite Automata Theory
Digital Logic Design

INTERNATIONAL PROGRAMS

University of South Wales top up Program

SZABIST Dubai offers a three-year BA (Hons) in Business Studies in collaboration with the University of South Wales, UK. Students can earn the degree after completing two years of study at SZABIST Dubai and one year at the University of South Wales, UK, through a memorandum of agreement.

University of Bedfordshire,UK

SZABIST Dubai offers a collaborative top-up program in Computer Sciences with the University of Bedfordshire, UK.

Students seeking a UK degree can opt for this programme.

ACADEMIC CALENDAR 2018-19 (Dubai Campus)

FALL 2018

WEEK NO:	DATE		ACTIVITY
WEEK 1	15-Sep	20-Sep	REGULAR CLASS
WEEK 2	22-Sep	27-Sep	REGULAR CLASS
WEEK 3	29-Sep	04-Oct	REGULAR CLASS
WEEK 4	06-Oct	11-Oct	REGULAR CLASS
WEEK 5	13-Oct	18-Oct	REGULAR CLASS
WEEK 6	20-Oct	25-Oct	REGULAR CLASS
WEEK 7	27-Oct	01-Nov	REGULAR CLASS
WEEK 8	03-Nov	08-Nov	**MID TERM EXAM**
WEEK 9	10-Nov	15-Nov	REGULAR CLASS
WEEK 10	17-Nov	22-Nov	REGULAR CLASS/ Milad Un Nabi
WEEK 11	24-Nov	29-Nov	REGULAR CLASS
WEEK 12	01-Dec	06-Dec	REGULAR CLASS/ UAE National Day
WEEK 13	08-Dec	13-Dec	REGULAR CLASS/ Al Isra Wal Mi'raj-Ascension Day
WEEK 14	15-Dec	20-Dec	REGULAR CLASS
WEEK 15	22-Dec	27-Dec	REGULAR CLASS
	29-Dec	03-Jan	MAKEUP CLASSES/ PREPARATORY WEEK
WEEK 16	05-Jan	10-Jan	**FINAL EXAM**

Classes Commencement Date

Dubai Campus:	September 15, 2018
Karachi Campus:	September 03, 2018
Larkana Campus:	September 03, 2018
Islamabad Campus:	September 03, 2018
Hyderabad Campus:	August 20, 2018

ACADEMIC CALENDAR 2018-19 (Dubai Campus)

SPRING 2019

WEEK NO:	DATE		ACTIVITY
WEEK 1	02-Feb	07-Feb	REGULAR CLASS
WEEK 2	09-Feb	14-Feb	REGULAR CLASS
WEEK 3	16-Feb	21-Feb	REGULAR CLASS
WEEK 4	23-Feb	28-Feb	REGULAR CLASS
WEEK 5	02-Mar	07-Mar	REGULAR CLASS
WEEK 6	09-Mar	14-Mar	REGULAR CLASS
WEEK 7	16-Mar	21-Mar	REGULAR CLASS
WEEK 8	23-Mar	28-Mar	**MID TERM EXAM**
WEEK 9	30-Mar	04-Apr	REGULAR CLASS/ Al Isra Wal Mi'raj
WEEK 10	06-Apr	11-Apr	REGULAR CLASS
WEEK 11	13-Apr	18-Apr	REGULAR CLASS
WEEK 12	20-Apr	25-Apr	REGULAR CLASS
WEEK 13	27-Apr	02-May	REGULAR CLASS
WEEK 14	04-May	09-May	REGULAR CLASS
WEEK 15	11-May	16-May	REGULAR CLASS
	18-May	23-May	MAKEUP CLASSES/ PREPARATORY WEEK
WEEK 16	25-May	30-May	**FINAL EXAM**

Classes Commencement Date

Dubai Campus: February 02, 2019
Karachi Campus: February 04, 2019
Larkana Campus: February 04, 2019
Islamabad Campus: February 04, 2019
Hyderabad Campus: January   21, 2019

FEES STRUCTURE

Fee Structure

- Application Fee AED 100 (non refundable)
- Admission Fee AED 1,000 (non refundable)
- Campus Security Deposit AED 500 (refundable)
- Visa Security Deposit AED 3,000 (refundable)
- Normal Visa Processing Fees per year AED 2,500
  (Visa fee is subject to change as per immigration policy)

Tuition Fees per Subject

1. BBA	AED 1,900	
2. BS (CS)	AED 1,900 (3 credit hours)	
3. BS (CS)	AED 2,500 (4 credit hours)	
4. MBA / MS (CS)	AED 2,000	
5. MPM	AED 2,700	
6. EMBA	AED 2,200	

Transport Fees

- Dubai AED 550 per month (Transport fees is subject to change according to the distance)
- Sharjah AED 600 per month
- Ajman AED 650 per month
- All other Emirates (Subject to the availability of sufficient number of students)
- Transport fees is subject to change according to the distance.

5 % VAT will apply as per UAE Federal Tax Authority.
The above mentioned fee is not inclusive of VAT.

CAMPUS WISE PROGRAMS OFFERING (FALL 2018)

PROGRAMS	CAMPUS				
	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	✓	✓			✓
Professional MBA		✓			
MBA in Banking & Finance	✓		✓		
Masters in Human Resource Management		✓			
Master of Advertising	✓				
MA Education	✓				
MS Public Health (MSPH)	✓				
MS Biosciences	✓				
MS Computer Science	✓	✓			✓
MS (CS) with specialization in Software Engineering	✓	✓			✓
MS (CS) with specialization in Networks & Security	✓	✓			✓
MS Media Studies	✓				
MS Management Science	✓	✓			
MS Developmental Studies		✓			
MS Social Sciences		✓			
MS Data Sciences		✓			
MS Educational Leadership and Management	✓				
MS Project Management	✓	✓			
MS Mechatronic Engineering	✓				
MS International Relations	✓				
MS Economics	✓				
MS Psychology	✓				
MS Sociology	✓				
PhD International Relations	✓				
PhD Economics	✓				
PhD Psychology	✓				
PhD Sociology	✓				
PhD Computing	✓	✓			
PhD Management Sciences	✓	✓			
PhD Educational Leadership and Management	✓				
PhD Biosciences	✓				

We just Don't Work Hard
We Work Smart

SZABIST Dubai Campus
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