

ADMISSIONS SCHEDULE

Undergraduate

Fall - 2022

Activity	BBA, BSACF, BSECO, BSSS - ROUND #1	BSEM & CS - ROUND #1	BBA, BSACF, BSECO, BSSS - ROUND #2	BSEM & CS - ROUND #2
Online Forms Availability	Friday, December 31, 2021	Friday, December 31, 2021	Friday, April 15, 2022	Friday, April 15, 2022
Form Submission Deadline	Friday, January 28, 2022	Friday, February 25, 2022	Friday, June 24, 2022	Wednesday, July 6, 2022
Issuance of Admit Cards (to be emailed to all candidates)	January 26 - January 28, 2022	February 23 -25, 2022	June 22 - 24, 2022	July 4 - 6, 2022
Aptitude Test Date	Sunday, February 6, 2022	Sunday, March 6, 2022	Sunday, July 03, 2022	Sunday, July 17, 2022
Announcement of Aptitude Test Result	Tuesday, February 15, 2022	Tuesday, March 15, 2022	Friday, July 8, 2022	Friday, July 22, 2022
Interviews	February 17 - 20, 2022	March 17 - 20, 2022	July 14 - 17, 2022	July 25 - 27, 2022
Final Result (After Interviews)	Tuesday, February 22, 2022	Tuesday, March 22, 2022	Tuesday, July 19, 2022	Friday, July 29, 2022
Orientation Session	Sunday, August 21, 2022	Sunday, August 21, 2022	Sunday, August 21, 2022	Sunday, August 21, 2022
Commencement of Classes	Monday, August 22, 2022	Monday, August 22, 2022	Monday, August 22, 2022	Monday, August 22, 2022

Graduate / Post-Graduate

MBA (Morning/Evening)	MBA Executive	MS (CS/ECO/IBF/MATH/DS/ MANAGEMENT/FINANCE) & PhD (CS/MATH/ECO)
<h3>Fall - 2022</h3> <p>Visit website for further details : https://admissions.iba.edu.pk/</p>		

Graduate / Post-Graduate

Spring - 2022

Activity	MBA Executive	MS [CS / Math / Data Science (CS Stream Only)] / & PhD (CS / Math)
Online Forms Availability	Saturday, October 9, 2021	Monday, November 15, 2021
Form Submission Deadline	Tuesday, October 26, 2021	Monday, November 29, 2021
Issuance of Admit Cards (to be emailed to all candidates)	October 25 - 26, 2021	November 28 - 29, 2021
Aptitude Test Date	Sunday, October 31, 2021	Sunday, December 05, 2021
Announcement of Aptitude Test Result	Tuesday, November 9, 2021	Monday, December 13, 2021
Interviews	Saturday, November 13, 2021	December 21 - 24, 2021
Final Result (After Interviews)	Wednesday, November 17, 2021	Tuesday, December 28, 2021
Orientation Session	To be announced later	Saturday, January 15, 2022
Commencement of Classes	To be announced later	Monday, January 17, 2022

Guidelines for applicants

- 1) To apply please visit the IBA website (www.iba.edu.pk). Follow the online application process and obtain a system generated application number.
- 2) Deposit the Application Processing Fee of Rs. 5,000 (non-refundable and non-transferable) in cash at any branch of the Meezan Bank.
- 3) Admit cards will be emailed to all candidates on the announced date.
- 4) Appear in the test on the announced date. (SAT/GMAT score report(s) required for applicants applying for exemption from the IBA Aptitude Test)
- 5) Bring the following documents (as applicable) along with the attested copies at the time of your interview: Bachelor's degree from HEC recognized institution **OR** HSC complete result or HSC first year result (in case the HSC final exam has not yet been taken) Matric or O-Level or American High School - 9th and 10th grade complete result **OR** A-Level complete result or grades for any A-Level subject (s) completed or A-Level first year **OR** American High School complete result or upto 11th grade results (in case the High School Diploma 12th Grade final exam has not yet been taken) **OR** International Baccalaureate complete result or IB first year complete results (in case the IB final exam has not yet been taken)

IBA



Institute of
Business Administration
Karachi

Leadership and Ideas for Tomorrow

Program Planning Guide

SCHOOL OF BUSINESS STUDIES

SCHOOL OF ECONOMICS AND SOCIAL SCIENCES

SCHOOL OF MATHEMATICS AND COMPUTER SCIENCE



SCHOOL OF BUSINESS STUDIES

With a legacy of more than six decades, the IBA Karachi is not just a business school but is already one of the leading institutions of higher learning in Pakistan. The Institute has evolved pedagogically over time and the establishment of the School of Business Studies (SBS) is just another step forward to further expand its existing academic programs and strengthen its alumni network. With a combination of Marketing, Management, Finance and Law & Accounting, the SBS offers a range of courses to refine and develop business and entrepreneurial acumen in undergraduate and graduate students as well as working professionals. The creation of the SBS is a change in academic governance structure and strategic direction that highlights and takes into consideration the constant evolution of global and local markets.

Undergraduate Programs

Bachelor of Business Administration (BBA)

The BBA program trains students in the essentials of business and introduces them to the basics of social sciences and liberal arts. BBA students can choose to major in Marketing, Finance, and Human Resource or MIS which opens a variety of career options for them in the corporate world. <https://bba.iba.edu.pk/>

Bachelor of Science - Accounting and Finance (BS-AF)

Recognized by the Institute of Chartered Accountants of Pakistan (ICAP), the BS-AF program provides students with an academic degree leading to a professional qualification like ICAP, CIMA, ACCA, IBP and CFA since BSAF graduates are exempted from a number of preliminary tests. <https://accounting.iba.edu.pk/index.php>

Graduate Programs

Master of Business Administration (MBA)

The MBA program develops analytical, conceptual, and operational skills to address a variety of challenges, teaching graduates to think critically and work ethically. Additionally, The MBA faculty uses state of the art technology and pedagogies through the creation, acquisition, dissemination, and application of new knowledge related to business administration in order to maintain a high standard of education. <https://mba.iba.edu.pk/>

Graduate Programs

Master of Business Administration (MBA) Executive

The vision of this program is to become the Centre of Excellence for professionals who wish to acquire applied knowledge in business administration. Its mission is to develop a cadre of professionals set to assume senior leadership positions in a myriad of business fields. This flagship degree offers a unique opportunity for the in-service professionals to enrich their knowledge and skills without sacrificing their job commitment and earning stream. <https://mbaexecutive.iba.edu.pk/>

Master of Science - Islamic Banking and Finance (MS-IBF)

The MS-IBF program is aimed at fresh graduates from business and other disciplines, experienced practitioners as well as Shariah scholars, to impart an in-depth education in the disciplines of finance, banking, research, and Fiqh. The program targets the growing needs of Islamic Finance by providing theoretical and applied knowledge of Islamic Jurisprudence, Banking, and Economics. Graduates of the program will have a promising future in the Islamic Finance industry. <https://msibf.iba.edu.pk/>

Master of Science - Management (MS-MANAGEMENT)

The MS-Management program prepares students for quality research and analysis in the field of Management. A sound theoretical basis is provided in the general area of management and in the specialization areas of Strategy, Organization, Operations Management, and Entrepreneurship. The program is aimed at developing research skills, challenging students intellectually and enabling them to make contributions in the knowledge and practice of Management. <https://management.iba.edu.pk/graduate.php>

Master of Science - Finance (MS-FINANCE)

The MS-Finance program is designed to provide a solid theoretical, as well as working knowledge of finance by exploring the field from an insider's perspective. Due to this, students will gain an in-depth knowledge with core courses in finance, before they can streamline the degree to their choice of specialization with a range of optional courses, including a number of specifically designed applied courses. <https://msfinance.iba.edu.pk/>

*The following IBA aptitude test exemptions are considered:

BBA & BSAF program - SAT I

- A score of 600 (out of 800) in Mathematics
- A score of 600 (out of 800) in Evidence-Based Reading and Writing
- Total of 1270 is required.
- Scores of essay are not required for the purposes of admission, however may preferably be submitted for placement in English courses after admission

BBA program - ACT

- A Composite Score of 29 (out of 36)
- An English / Writing Score of 25 (out of 36)

BSAF program - ACT

- A Composite Score of 28 (out of 36)
- Score of English / Writing is not required for the purposes of admission, however, may preferably be submitted for placement in English courses after admission

Program Essentials									
Serial Number	Information	Bachelor of Business Administration (BBA)	Accounting & Finance	Master of Business Administration (MBA)		MBA Executive	Master of Science (MS)		
				Morning	Evening		Islamic Banking & Finance	Management	Finance
1	Admission Requirements	"Higher secondary school certificate with a minimum of 65% or A-Levels with a minimum of 2 'B's and 1 'C' in 3 subjects or American high school diploma with a minimum of 80% or International Baccalaureate with a minimum of 25/45"	Higher secondary school certificate (any group with 60% marks) or A-Levels (minimum of 1 'B' and 2 'C's) in 3 principal subjects or American high school diploma (minimum of 80%) or An international baccalaureate (minimum 24/45)	Minimum 16 years of education out of which 4 years should be spent in an HEC recognized university/degree awarding institute with: A minimum of 60% aggregate marks or A minimum of 2.50 CGPA on a scale of 4.00 (as applicable) in last degree Candidates with work experience will be preferred		A minimum of 16 years of qualification out of which 4 years should have been spent in an HEC recognized university/degree awarding institution with: A minimum of 60% aggregate marks or A minimum of 2.50 CGPA on a scale of 4.00 (as applicable) and A minimum of 3 years of post qualification experience (mandatory)	A minimum of 16 years of education/equivalent degree in any discipline from a local or foreign institute recognized by the HEC, with a minimum CGPA of 2.5 out of 4.0 or 60% marks in their last degree (as applicable). All equivalency claims shall be evaluated by the HEC. Experience is not mandatory for this program.		A minimum of 16 years of education out of which 4 years should have been spent in an HEC recognized university/degree-awarding institute with a minimum CGPA of 2.5 or 60% in the last degree (as applicable). Candidates with work experience are preferred
2	Aptitude Test Component	English Composition (MCQs) Mathematics (MCQs)		English Composition (MCQs) English Comprehension (essay writing skills)	Mathematics (MCQs)	Business english (MCQs) Applied mathematics (MCQs)	English Composition (MCQs) Mathematics (MCQs)	English Composition (MCQs) Mathematics (MCQs) Essay writing	English Composition (MCQs) Mathematics (MCQs)
3	Aptitude Test Difficulty Level	SAT-I		GMAT/GRE		GMAT/GRE	GRE general and GMAT		GRE general and GMAT
4	Aptitude Test Exemption *	See Beside		Minimum 600 score in GMAT/160 in quantitative and 150 in verbal GRE (int'I)		Minimum 600 score in GMAT/160 in quantitative and 150 in verbal GRE (int'I)	Minimum 600 score in GMAT/160 in quantitative and 150 in verbal GRE (int'I)		Minimum 600 score in GMAT/160 in quantitative revised GRE general
5	Student profile	Avg. Age 19		Avg. Age: Mid 20's		Avg. Age: Mid 30's Avg. Work Exp: 7 Years	Avg. Age: 20s - 30s		
6	Graduation Requirement	40 courses 128 credit hours Responsible Citizen Initiative (RCI) Corporate Internship Personal Effectiveness Course (PE)	40 courses 126 credit hours Responsible Citizen Initiative (RCI) Corporate Internship Personal Effectiveness Course (PE)	72 credit hours Duration 24 months Comprehensive Exam Corporate Internship (for non-BBA background)	72 credit hours Duration 24 months Comprehensive Exam	22 courses 72 credit hours 1 project Comprehensive Exam	MS core and elective courses: 16 courses 48 credit hours MS research thesis: 9 credit hours	6 core courses 2 area core courses 2 electives (30 credit hours) Thesis/Project (6 credit hours)	Candidates need to obtain a total of 36 credit hours for MS Finance program. The course requirements are as follows: 7 Core courses worth 21 credit hours 3 Elective courses worth 9 credit hours Thesis/ Project* worth 6 credit hours
7	Fees Fall 2021	PKR 286,050 with PKR 46,850 as an additional course fee	PKR 286,050 with PKR 46,850 as an additional course fee	PKR 313,350 with PKR 51,400 as an additional course fee	Fee Per Course PKR 51,400	Fee Per Course PKR 51,400	Fee Per Course PKR 51,400	PKR 153,350 with PKR 37,100 as an additional course fee	PKR 190,450 with PKR 37,100 as an additional course fee
8	Classes Start	August				August and January	August		August
9	Duration	4 years full time		3.5 years		2.5 years	2 years		1.5 - 4 years
10	Campus	Main/City	Main	Main/City		Main	Main		City

SCHOOL OF MATHEMATICS AND COMPUTER SCIENCE

The Department of Mathematical Sciences and the Department of Computer Science are governed under the ambit of the School of Mathematics and Computer Science (SMCS). Students are offered an eclectic mix of courses and are facilitated via state-of-the-art IT infrastructure as well as classroom discussions ranging from cyber-security regulations to understanding the study of big data and web science. The SMCS provides a unique experience where students receive a combination of theoretical education as well as practical implications of research and development, all in alignment with international standards and best practices. The aim is to stay focused on cutting-edge research and development in science and technology in addition to establishing strong research and industrial ties globally through academic linkages with leading institutions.

Undergraduate Programs

Bachelor of Science - Computer Science (BS-CS)
The BS-CS program consists of courses on the theory of computer science, technology, and mathematics which hone problem solving skills and ensure that students can either pursue their own avenues of further study and research or develop their career through initiating startups or reputable software houses.
<https://cs.iba.edu.pk/bscs/aboutbscs.php>

Doctoral Programs

PhD (Computer Science)
The PhD in Computer Sciences allows students to carry out cutting edge research, gain recognition for it and maintain social and corporate networks within the field.
<https://cs.iba.edu.pk/phdcs/aboutphdcs.php>

PhD (Mathematics)
The PhD in Mathematics polishes students' Mathematical skills as a compact language to describe problems in a multitude of areas, enabling them to theoretically expand the frontiers to expand upon previously unknown avenues in the discipline.
https://mathematics.iba.edu.pk/phd_mathematics.php

Graduate Programs

Master of Science - Computer Science (MS-CS)
The Department of Computer Science teaches about the latest developments in the area of Computer Science as well as how to perform research with a high social impact. The curriculum has been designed so that it is at par with IEEE/Association for Computing Machinery (ACM) guidelines which ensures that the program does not lose relevance in the wake of a rapidly changing landscape of computing technologies.
<https://cs.iba.edu.pk/mscs/aboutmscs.php>

Master of Science - Mathematics (MS-MATH)
The MS-MATH program aims to provide a thorough background in theory, quantitative methods, and applications that go in accordance with international standards, thereby offering the opportunity of a more specialized training in selected areas of pure and applied mathematics. This program hones pre-existing skills and sharpens critical thinking and problem-solving skills.
https://mathematics.iba.edu.pk/ms_mathematics.php

The following IBA aptitude test exemptions are considered:

SCHOOL OF MATHEMATICS AND COMPUTER SCIENCE:

BSCS program – SAT I

- A score of 640 (out of 800) in Mathematics
- A score of 600 (out of 800) in Evidence-Based Reading and Writing
- Scores of essay are not required for the purposes of admission, however may preferably be submitted for placement in English courses after admission

BSCS program – SAT II

- A score of 650 (out of 800) in SAT II (Subject Test) in Mathematics

BSCS program – ACT

- A Composite Score of 28 (out of 36)
- Score of English / Writing is not required for the purposes of admission, however, may preferably be submitted for placement in English courses after admission

Program Essentials							
Serial Number	Information	Bachelors of Science (BS)	Masters of Science (MS)			Doctor of Philosophy (PhD)	
		Computer Science	Computer Science	Mathematics	Data Science	Computer Science	Mathematics
1	Admission Requirements	Higher secondary school certificate (Pre-engineering or general group with mathematics) with a minimum of 60% or A-Levels with a minimum of 1 'B' and 2 'C's in 3 subjects including Mathematics or American high school diploma with a minimum of 80% or International Baccalaureate with a minimum of 25/45	A minimum of 16 years of education in the relevant discipline out of which 4 years should have spent in an HEC recognized university/degree awarding institute with: A minimum of 60% aggregate marks or A minimum of 2.50 CGPA on a scale of 4.00 (as applicable)	A minimum of 16 years of education (BS/M.Sc. - Mathematics, Physics, Computer Science, Statistics) and be out of which 4 years should have spent in an HEC recognized university/ degree awarding institute with: A minimum of 60% aggregate marks or A minimum of 2.50 CGPA on a scale of 4.00 (as applicable)	A minimum 16 years of education in the relevant subject of Science (such as Computer Science, Statistics, Economics, Mathematics, Accounts & Finance, Physics, etc.) and Engineering (Electrical Engineering, Electronics Engineering, etc.) with a minimum CGPA of 2.5 out of 4 (in a semester-based system), or 60% marks (in annual system) in their last degree.	MS/Mphil/equivalent in relevant subject from HEC recognized local/foreign university with: minimum 60% aggregate marks in the last degree or A minimum 3.0 CGPA on a scale of 4.00 in the last degree where applicable in addition to fulfilling the specific requirements by the respective departments	
2	Aptitude Test Component	English Composition (MCQs) Mathematics (MCQs)	English Composition (MCQs) Mathematics (MCQs) Subject specialization	English Composition (MCQs) Mathematics (MCQs)	English written test Mathematics written test	English Composition (MCQs) Mathematics (MCQs) Subject Specialization	English Composition (MCQs) Mathematics (MCQs)
3	Aptitude Test Difficulty Level	SAT-I and SAT-II (Mathematics)	GRE general + specialization	TOEFL or IELTS GRE (int'l) math subjective text	GRE General	CS subject test	TOEFL or IELTS GRE math subjective text
4	Aptitude Test Exemption *	See above	160 in quantitative and 150 in verbal GRE (int'l)	60 percentile in GRE (int'l) Maths subjective test	Minimum 600 scores in GMAT / 160 in Quantitative & 150 in the Verbal section of GRE	150 in quantitative and 150 in verbal GRE (int'l)	60 percentile in GRE (int'l) Maths subjective test
5	Student profile	Avg. Age: 19		Avg. Age: mid 20's		Avg Age: 26	
6	Graduation Requirement	40 courses, 128 credit hours, 1 research project, Responsible Citizen Initiative (RCI), Corporate Internship (optional) & Personal Effectiveness Course (PE)	MS without thesis, 9 courses (27 credit hours), Research survey (3 credit hours) or MS with thesis, 8 courses (24 credit hours), Research survey (3 credit hours) & Research work (3 credit hours)	6 core courses, 2 electives & 24 credit hours Thesis: 6 credit hours	MS without thesis, 9 courses (27 credit hours), Research survey (3 credit hours) or MS with thesis, 8 courses (24 credit hours), Research survey (3 credit hours) & Research work (3 credit hours)	8 courses, 24 credit hours, Proposal defense and Dissertation, 6 credit hours	6 courses, 18 credit hours, Comprehensive exam Synopsis proposal & Dissertation
7	Fees Fall 2021	PKR 286,050 with PKR 46,850 as an additional course fee	PKR 153,350 with PKR 37,100 as an additional course fee		PKR 116,250 with PKR 37,100 as an additional course fee	monthly stipend and full tuition fee waiver	
8	Classes Start	August	August	August	August	August	August and January
9	Duration	4 years full time	2 years			4 years	
10	Campus	Main	City	Main/City	Main	City	Main/City

SCHOOL OF ECONOMICS AND SOCIAL SCIENCES

The School of Economics and Social Sciences (SESS) is an amalgamation of the Department of Economics and the Department of Social Sciences and Liberal Arts. The aim is to provide students with a platform for dialogue in academic disciplines that is not limited to Philosophy, History, Literature, Political Science, Religion, Media and Economics. Essentially, the courses offered under SESS allow students to develop their skills in reading, writing and research, which enables them to improve their quantitative and critical thinking capacities. While the SESS offers an interdisciplinary approach, it also ensures that students receive a well-rounded education through appropriate course rigour within and outside the classroom.

Undergraduate Programs

Bachelor of Science – Economics (BS-ECO)

The BS-ECO program is designed to create a solid foundation in Economics since the well-coordinated curriculum provides and prepares the students for entry level positions in private and public sector corporations, development organizations, banks, and research organizations.

<https://economics.iba.edu.pk/bs-economics.php>

Bachelor of Science - Economics and Mathematics (BS-EM)

The BS-EM program creates a solid foundation in Economics and Mathematics, preparing student for successful graduate studies in either of the two disciplines and furnishing their skills for a career with private and public sector corporations, banks, insurance companies, and investment firms.

<https://economics.iba.edu.pk/bs-em.php>

Bachelor of Science - Social Sciences and Liberal Arts (BS-SSLA)

The BS-SS program offers majors in Psychology, Political Science, History, and Media Studies and aims to help students develop both disciplinary and inter-disciplinary thinking and analytical skills by introducing them to academic fields such as visual arts, philosophy, literature, religion, and global politics.

<https://ssla.iba.edu.pk/>

Graduate Programs

Master of Science – Economics (MS-ECO)

The MS-ECO program is designed to provide a solid background in theory, quantitative methods, and applications appropriate to the needs of economists involved in policy planning, analysis and forecasting of public and private sectors. Graduates will be able to teach and conduct quality research in the fields of their interest and will be prepared for careers in academia, research organizations, business enterprises, government organizations, and multinational companies.

<https://economics.iba.edu.pk/graduate.php>

Master of Science – Development Studies (MS-DS)

MS Development Studies is a multi and inter-disciplinary program that explores critical topics of development theory and practices, introducing development as a process of evolution of societies through the study of history, ecology, culture, technology, politics etc. The program explores how these differences both can and often should translate into varied ‘local’ responses to regional or global processes, and varied strategies of development and methods.

<https://msdev.iba.edu.pk/about-program.php>

Doctoral Programs

PhD (Economics)

The PhD in Economics is designed to provide a solid background in theory, quantitative methods, and applications appropriate to the needs of economists involved in policy planning, analysis, and forecasting public and private sectors.

<https://economics.iba.edu.pk/postgraduate.php>

The following IBA aptitude test exemptions are considered:

BSSS & BS ECO program – SAT I

- A score of 600 (out of 800) in Mathematics
- A score of 600 (out of 800) in Evidence-Based Reading and Writing
- Scores of essay are not required for the purposes of admission, however may preferably be submitted for placement in English courses after admission

BSEM program – SAT I

- A score of 640 (out of 800) in Mathematics
- A score of 600 (out of 800) in Evidence-Based Reading and Writing
- Scores of essay are not required for the purposes of admission, however may preferably be submitted for placement in English courses after admission

BSEM program – SAT II

- A score of 650 (out of 800) in SAT II (Subject Test) in Mathematics

BSECO and BSEM program – ACT

- A Composite Score of 28 (out of 36)
- Score of English / Writing is not required for the purposes of admission, however, may preferably be submitted for placement in English courses after admission

BSSS program – ACT

- A Composite Score of 28 (out of 36)
- An English / Writing Score of 25 (out of 36)

Program Essentials									
Serial Number	Information	Bachelors of Science (BS)			Masters of Science (MS)		Doctor of Philosophy (PhD)		
		Economics & Mathematics	Economics	Social Sciences & Liberal Arts	Economics		Development Studies	Economics	
					Full Time	Part Time			
1	Admission Requirements	Higher secondary school certificate (Pre-engineering or general group with mathematics) with a minimum of 60% or A-Levels with a minimum of 1 'B' and 2 'C's in 3 subjects including Mathematics or American high school diploma with a minimum of 80% or International Baccalaureate with a minimum of 25/45	Higher secondary school certificate (any group) with a minimum of 60% or A-Levels with a minimum of 1 'B' and 2 'C's in 3 subjects or American high school diploma with a minimum of 80% or International Baccalaureate with a minimum of 25/45		A minimum of 16 years of education in the relevant discipline out of which 4 years should have spent in an HEC recognized university/degree awarding institute with: A minimum of 60% aggregate marks or A minimum of 2.50 CGPA on a scale of 4.00 (as applicable)		Minimum entry requirement is of CGPA 2.5 out of 4.0, or 60% marks, in the last degree attained. All equivalency claims shall be evaluated by HEC. Work experience is not a mandatory requirement for admission in this program.	MS/Mphil/equivalent in relevant subject from HEC recognized local/foreign university with: minimum 60% aggregate marks in the last degree or A minimum 3.0 CGPA on a scale of 4.00 in the last degree where applicable in addition to fulfilling the specific requirements by the respective departments	
2	Aptitude Test Component	English Composition (MCQs)			English Composition (MCQs) Mathematics (MCQs) Economics (MCQs)		Verbal, Quantitative and Analytical Writing.	English Composition (MCQs) Mathematics (MCQs) Subject specialization	
3	Aptitude Test Difficulty Level	SAT-I and SAT-II (Mathematics)	SAT-I			GRE general + specialization		GRE general	TOEFL or IELTS GRE general + specialization
4	Aptitude Test Exemption *	See above			160 in quantitative and 150 in verbal GRE (int'l)		Minimum score of 160 in Quantitative section and 150 in Verbal section of the revised GRE (int'l)	160 in quantitative and 150 in verbal GRE (int'l)	
5	Student profile	Avg. Age: 19			Avg. Age: mid 20's		Avg. Age: mid 20's		
6	Graduation Requirement	40 courses, 128 credit hours, 1 research project, Responsible Citizen Initiative (RCI), Corporate Internship & Personal Effectiveness Course (PE)	40 courses, 126 credit hours, 1 research project, Responsible Citizen Initiative (RCI), Corporate Internship (optional) & Personal Effectiveness Course (PE)	39 courses, 125 credit hours, 1 culminating experience/thesis, Responsible Citizen Initiative (RCI), Research Internship (8-10 week) & Personal Effectiveness Course (PE)	42 credit hours, 12 courses, 36 credits hours, 1 thesis & 6 credit hours		13 courses, 30 credit hours, with a 6 credit hour MS Thesis or 3 credit hour Project with 3 additional credit hours	11 courses, 1 dissertation & 67 credit hours	
7	Fees Fall 2021	PKR 286,050 with PKR 46,850 as an additional course fee			PKR 153,350 with PKR 37,100 as an additional course fee		PKR 153,350 with PKR 37,100 as an additional course fee	Monthly Stipend and full tuition fee waiver	
8	Classes Start	August			August				
9	Duration	4 years full time			2 years		2 years	4 years	
10	Campus	Main			Main/City		Main	Main/City	