

# PROGRAM ANNOUNCEMENT

2021-22



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## Message from the **Executive Director**

Even though the new academic year at the IBA begins, once again clouded by the coronavirus pandemic and its consequences, we feel far more optimistic this August than we did this time last year. With Faculty, staff, and students all vaccinated, we are hoping that in a post-vaccination phase, we will return to some of the lively activities and interaction, and quality in-person teaching on which the IBA prides itself. With a slow and cautious start, we hope to pick up a lot of speed over the next few weeks as all of you settle in.

I welcome all the new entrants to one of Pakistan's most prestigious universities and educational institutions of higher learning. You should feel an immense sense of pride and achievement at having secured admission to the IBA and ought to be prepared for what we hope will be the best years of your life. Yours is also the first incoming class which we welcome to the three recently structured Schools at the IBA, a significant restructuring which we hope will provide you the best environment to start and complete what we are convinced will be a fulfilling journey.

In this process of acquiring your degrees and learning, don't forget to enjoy yourself. The IBA will support you in every way possible as you pursue your dreams and goals.

**Dr. S Akbar Zaidi**  
Executive Director

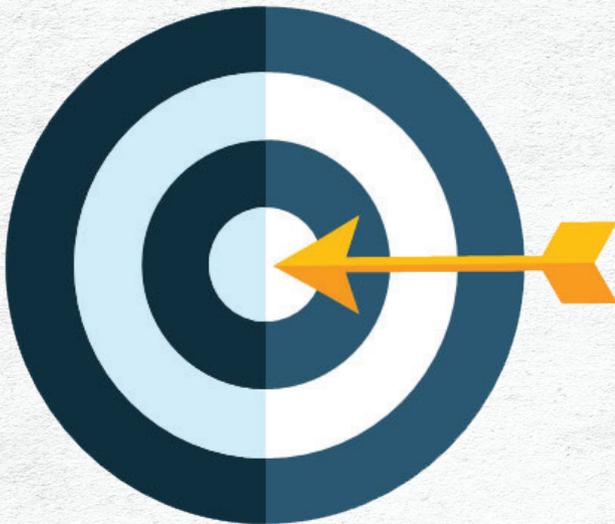
# Message from the Registrar

## Vision

To be among the best learning institutions in Pakistan.

## Mission

The IBA aims to impart quality education in numerous educational fields to students selected on merit, irrespective of ethnicity, gender, religion, or financial means. With that, it intends to provide a teaching and learning environment that encourages critical thinking, ethical conduct and effective decision making. Moreover, students are encouraged to undertake original research that enriches teaching which benefits business, government and civil society.



The Office of the Registrar envisions a learning experience for students that ascertains personal and professional growth during their time at the Institute. Our team, derived from a diverse background of expertise in their designated domains, works as a catalyzing mechanism to facilitate a seamless transition of quality education.

We believe that the evolving times require innovative and adaptive approaches to guarantee a safe and healthy environment for the students; our pledge to ensure a vaccinated community for the Institute has been achieved by the launch of an on-campus vaccination drive in collaboration with the Health Department, Government of Sindh.

Furthermore, facilitating outstation students with quality residence has been a priority that has enabled an addition of more than 120 rooms at the Boys Hostel and roof heat-proofing at the Girls Hostel.

Our team will be a vital and strategic organization by supporting the academic life of the student through innovative technologies, collaborative engagement, and extraordinary support services. The quest for a state-of-the-art experience continues as we pace towards achieving remarkable milestones in digitalization processes.

This package has been designed to provide you an insight into the academic programs and on-campus activities. We are certain that as the IBA Karachi evolves with the modern academic experience, our assistance will be available at your convenience.

We wish you a remarkable academic experience in the year ahead.

**Dr. Mohammad Asad Ilyas**  
Registrar



# Academic Calendar 2021-22

## Summer semester 2021

Online Course Registration – 01 to 06 June, 2021

Summer Semester begins: June 07, 2021 (Monday)

Months/dates	Total days	Sundays	Holidays	Exam days	Teaching days
June 07, 2021	24	3	-	1	20
July, 2021	31	4	3	1	23
August 03, 2021	03	1	-	2	-
<b>Total days</b>	<b>58</b>	<b>8</b>	<b>3</b>	<b>4</b>	<b>43</b>

Activity	Action by	Commencement date	Completion date
Midterm exams	Controller of Examinations	June 30, 2021	July 01, 2021
Faculty evaluations	Students	August 02, 2021	August 12, 2021
Final exams	Controller of Examinations	August 02, 2021	August 03, 2021
Results of Final Examinations	Faculty	August 02, 2021	August 13, 2021
Comprehensive exam		August 21, 2021	

## Fall semester 2021

Online Course Registration – August 12 to 21, 2021

Orientation Day: August 21, 2021 (Saturday)

Fall Semester begins: August 23, 2021 (Monday)

Months/dates	Total days	Sundays	Holidays	Exam days	Teaching days
August 23, 2021	09	1	-	-	08
September, 2021	30	4	1	5	20
October, 2021	31	5	1	1	24
November, 2021	30	4	-	6	20
December 21, 2021	21	3	-	6	12
<b>Total days</b>	<b>121</b>	<b>17</b>	<b>2</b>	<b>18</b>	<b>84</b>

Activity	Action by	Commencement date	Completion date
First Hourly Exams:	Controller of examinations	September 25, 2021	October 01, 2021
Second Hourly Exams:	Controller of examinations	November 03, 2021	November 09, 2021
Third Hourly Exams:	Controller of examinations	December 15, 2021	December 21, 2021
Faculty Evaluation:	Students	November 24, 2021	December 07, 2021
Results of Final Examinations		December 15, 2021	January 5, 2022
Comprehensive exam		January 15, 2022	

Short Winter Semester 2022: January 01-15, 2022

# Academic Calendar 2021-22

## Spring semester 2022

Online Course Registration – January 04 - 15, 2022

Orientation Day: January 16, 2022 (Sunday)

Spring Semester begins: January 17, 2022 (Monday)

Months/dates	Total days	Sundays	Holidays	Exam days	Teaching days
January 17, 2022	15	2	-	-	13
February, 2022	28	4	1	6	17
March, 2022	31	4	1	-	26
April, 2022	30	4	1	6	19
May 23, 2022	23	4	3	6	10
<b>Total days</b>	<b>127</b>	<b>18</b>	<b>6</b>	<b>18</b>	<b>85</b>

Note: Eid Holidays May 3-5, 2022

Summer Orientation Program / Remedial Program 2022 (MBA): June 27 - August 16, 2022

Activity	Action By	Commencement date	Completion date
First Hourly Exams:	Controller of Examinations	February 21, 2022	February 26, 2022
Second Hourly Exams:	Controller of Examinations	April 05, 2022	April 11, 2022
Third Hourly Exams:	Controller of Examinations	May 17, 2022	May 23, 2022
Faculty Evaluation:	Students	April 26, 2022	May 09, 2022
Results of Final Examinations	Faculty	May 17, 2022	June 05, 2022
Comprehensive exam		August 20, 2022	

## Summer semester 2022

Online Course Registration – June 03-05, 2022

Summer Semester begins: June 06, 2022 (Monday)

Months/dates	Total days	Sundays	Holidays	Exam days	Teaching days
June 06, 2022	25	3	-	-	22
July, 2022	31	5	3+1*	2	20
August 02, 2022	02	-	-	2	0
<b>Total days</b>	<b>58</b>	<b>8</b>	<b>4</b>	<b>4</b>	<b>42</b>

Note: Eid Holidays July 11 – 13, 2022

Activity	Action by	Commencement date	Completion date
Midterm exams	Controller of Examinations	July 01, 2022	July 02, 2022
Faculty evaluations	Students	July 04, 2022	July 15, 2022
Final exams	Controller of Examinations	August 01, 2022	August 02, 2022
Results of Final Examinations	Faculty	August 01, 2022	August 12, 2022
*Preparatory Holiday:		July 30, 2022	

## Fall semester 2022

Orientation Day: August 21, 2022 (Sunday)

Fall Semester begins: August 22, 2022 (Monday)

# Programs on offer

The admissions schedule can be accessed here: [https://admissions.iba.edu.pk/admissions\\_schedule.php](https://admissions.iba.edu.pk/admissions_schedule.php)



S. No.	Information	Bachelor of Business Administration (BBA)	Bachelor of Science (BS)				Master of Business Administration (MBA)		
			Computer Science	Economics and Mathematics	Economics	Social Sciences and Liberal Arts	Accounting and Finance	Morning	Evening
1	*Admission requirement	Higher secondary school certificate With a minimum of 65% marks or A levels (minimum of 2 'B's and 1 'C') in 3 principal subjects or American high school diploma minimum of 80% or An international baccalaureate (minimum 25/45)	Higher secondary school certificate (Pre-engineering or general group with mathematics) with minimum 60% marks or A levels (minimum of 1 'B' and 2 'C's) in 3 principal subjects including Mathematics or American high school diploma minimum of 80% or An international baccalaureate (minimum 24/45)		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)			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 of 60% aggregate marks (Percentage is only considered in case of CGPA is not available) or A minimum of 2.50 CGPA on a scale of 4.00 (as applicable) (candidates with work experience will be preferred)	
2	Aptitude test component	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Mathematics (MCQs)</li> </ul>	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Mathematics (MCQs)</li> </ul>		<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Mathematics (MCQs)</li> </ul>		<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>English comprehension (essay writing skills)</li> <li>Mathematics (MCQs)</li> </ul>		
3	**Aptitude test - difficulty level	SAT-I	SAT-I and SAT-II (Mathematics)		SAT-I		GMAT/GRE		
4	Aptitude test exemption*	See below						Minimum 600 score in GMAT/ 160 in quantitative and 150 in verbal GRE (int'l)	
5	Student profile	Avg. age: 19						Avg. age: mid 20s	
6	Graduation requirement	40 courses, 128 credit hours, responsible citizen initiative (RCI), corporate internship	41 courses, 131 credit hours, 1 research project, responsible citizen initiative (RCI), corporate internship	40 courses, 128 credit hours, 1 research project, responsible citizen initiative (RCI), corporate internship	40 courses, 126 credit hours, 1 research project, responsible citizen initiative (RCI), corporate internship	39 courses, 125 credit hours, 1 culminating experience/thesis, responsible citizen initiative (RCI), research internship (8-10 week)	40 courses, 126 credit hours, responsible citizen initiative (RCI), corporate internship	72 credit hours, duration 24 months, comprehensive exam, (corporate internship for non-BBA background)	72 credit hours, duration 42 months, comprehensive exam
		Personal effectiveness course (PE)	Personal effectiveness course (PE)	Personal effectiveness course (PE)	Personal effectiveness course (PE)	Personal effectiveness course (PE)	Personal effectiveness course (PE)		
7	Classes start	August							
8	Duration	4 years full time					2 years	3.5 years	
9	Campus	main/city					main	main/city	

\*\*The following are exempted from appearing in the IBA Aptitude Test:

#### BBA & BSAF programs – 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 subsequent to admission

#### BSSS & BS ECO programs – 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 subsequent to admission

#### BSCS and BSEM programs – 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 subsequent to admission

#### - SAT II

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

#### BBA program – ACT

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

#### BSSS program – ACT

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

#### BSAF, BSCS, BSECO and BSEM programs – 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 subsequent to admission

# Programs on offer

S. No.	Information	MBA Executive	Master of Science (MS)							Doctor of Philosophy (PhD)						
		Various specializations	Computer Science	Economics		Mathematics		Islamic Banking and Finance	Management	Journalism	Data Science	Finance	Development Studies	Economics	Computer Science	Mathematics
			full time	part time	full time	part time										
1	*Admission requirement	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 (Percentage is only considered incase of CGPA is not available) 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 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 (Percentage is only considered incase of CGPA is not available) 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 (Percentage is only considered incase of CGPA is not available) or A minimum of 2.50 CGPA on a scale of 4.00 (as applicable)	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 (Percentage is only considered incase of CGPA is not available) 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/ 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 50% marks (Percentage is only considered incase of CGPA is not available) in their last degree (as applicable). All equivalency claims shall be evaluated by the HEC. Applicants with prior journalism experience are encouraged to apply	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. Note: Percentage is only considered incase of CGPA is not available	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). Note: Percentage is only considered incase of CGPA is not available	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 Note: Percentage is only considered incase of CGPA is not available	MS/MPHil/equivalent in relevant subject from HEC recognized local/foreign university with: minimum 60% aggregate marks (Percentage is only considered incase of CGPA is not available) in the last degree or A minimum 3.0 CGPA on a scale of 4.00 in the last degree where applicable also have to fulfill specific requirements by the respective departments					
2	Aptitude test component	<ul style="list-style-type: none"> <li>Business English (MCQs)</li> <li>Case study</li> <li>Applied Mathematics (MCQs)</li> </ul>	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Mathematics (MCQs)</li> <li>Subject specialization</li> </ul>	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Mathematics (MCQs)</li> <li>Economics (MCQs)</li> </ul>	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Mathematics (MCQs)</li> </ul>	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Mathematics (MCQs)</li> </ul>	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Essay writing</li> <li>GK/Current affairs</li> </ul>	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Essay writing</li> </ul>	<ul style="list-style-type: none"> <li>English Composition (MCQs)</li> <li>Mathematics (MCQs)</li> <li>Finance (MCQs)</li> </ul>	<ul style="list-style-type: none"> <li>English Composition (MCQs)</li> <li>Mathematics (MCQs)</li> <li>Essay writing</li> </ul>	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Mathematics (MCQs)</li> <li>Subject specialization</li> </ul>	<ul style="list-style-type: none"> <li>English composition (MCQs)</li> <li>Mathematics (MCQs)</li> </ul>				
3	**Aptitude test - difficulty level	GMAT/GRE	GRE general + specialization		TOEFL or IELTS GRE (int'l) math subjective test		GRE general and GMAT		-	GRE general	GRE General or GMAT exam	GRE general	TOEFL or IELTS GRE general + specialization	CS subject test	TOEFL or IELTS GRE Math subjective test	
4	Aptitude test exemption*	Minimum 600 score in GMAT/ 160 in quantitative and 150 in verbal GRE (int'l)	160 in quantitative and 150 in verbal GRE (int'l)		60 percentile in GRE (int'l) Maths subjective test		160 in quantitative and 150 in verbal GRE (int'l) 600 score in GMAT		-	Minimum 600 scores in GMAT / 160 in Quantitative & 150 in the Verbal section of GRE required	Minimum score of 650 in the Quantitative GRE General, 160 in Quantitative section of Revised GRE General, OR 600 score in GMAT	160 in quantitative and 150 in verbal GRE (int'l)	160 in quantitative and 150 in verbal GRE (int'l)		60 percentile in GRE (int'l) Maths subjective test	
5	Student profile	<b>Avg. age: mid 30's</b> <b>Avg. work experience: 7 years</b>	<b>Avg. age: mid 20s</b>							<b>Avg. age: 20s - 30s</b>	<b>Avg. age: mid 20s</b>	<b>Avg. age: mid 20s</b>	<b>Avg. age: 26</b>			
6	Graduation requirement	24 courses, 72 credit hours, 1 project, comprehensive exam	MS without Thesis 9 courses (27 credit hours) and a MS Project (3 credit hours), or MS with Thesis: 8 courses (24 credit hours), MS Thesis-I (3 credit hours) and MS Thesis-II (3 credit hours)	42 credit hours, 12 courses and 1 thesis 6 credit hours, 36 credit hours through courses, 6 credit hours through thesis	6 core courses, 2 electives, 24 credit hours, thesis 6 credit hours	MS core and elective courses: 12 courses, 36 credit hours, Research thesis or Project Paper*: 6 credit hours	6 core courses, 2 area core courses, 2 electives, 30 credit hours, thesis/project, 6 credit hours	12 courses, 39 credit hours, 1 capstone project, 1 internship	MS without Thesis 9 courses (27 credit hours) and a MS Project (3 credit hours), or MS with Thesis: 8 courses (24 credit hours), MS Thesis-I (3 credit hours) and MS Thesis-II (3 credit hours)	7 courses, 3 electives, (30 credit hours), Thesis/project (6 credit hours)	8 courses (30 credit hours) and 1 thesis (6 credit hours), OR 6 courses (24 credit hours) and 1 thesis (6 credit hours) for students exempted from 2 foundation courses Note: (Interview panel will decide which students are exempted from foundation courses.)	11 courses, 1 dissertation, 67 credit hours	6 courses, 18 credit hours, comprehensive exam, proposal, and dissertation	6 courses, 18 credit hours, comprehensive exam, synopsis proposal, dissertation		
7	Classes start	August and January	August				August	August	August	August	August	August		August and January	August and January	
8	Duration	2.5 years	2 years				1.5 - 4 years	2 years	1.5 years	2 years	1.5 years	2 years	4 years	4 to 6 years	4 years	
9	Campus	main	city	main/city				main/city	main	city	main	city	main	main/city		



# Academic programs



## Undergraduate programs

The IBA launched the 2-year Bachelor of Business Administration (BBA) program in 1968 under the patronage of University of Karachi and later on a 4-year BBA in 2002. To meet the international standards, the IBA changed the curricula of its bachelor programs after acquiring status of the degree awarding institute. The BS Computer Science program was introduced in 1999. In 2002, the IBA undergraduate programs were upgraded to 4-year degree programs. Considering the growing demand of certain courses in the market, the IBA introduced a series of BS programs, including BS Economics and Mathematics, BS Social Sciences and Liberal Arts and BS Accounting and Finance in 2012 and 2013. The IBA also introduced the BS Economics program in 2018.

## Graduate programs

The IBA initially offered MBA program only for day scholars. In 1957, an evening program was launched to cater to the needs of working executives and managers who were interested in progressing their careers through business studies. Since obtaining a master's degree involves acquiring complex analytical and critical skills in a particular field, it allows students to develop specialized skills. Additionally, producing original work, including the writing and defence of a thesis or dissertation, is a major constituent of graduate studies. The MS degree is an untagged degree as the name of the major is excluded from the degree title, whereas MBA is a tagged degree. Over the years the MBA program has evolved significantly aided by a revamped curriculum. The MBA

Executive program was launched in 2009. This degree program has gained momentum among professionals of public and corporate sector of Pakistan. MBA Executive offers a wonderful opportunity to professionals to acquire a world class degree in Business Administration without leaving their jobs. The introduction of MS Computer Science and MS Economics in 2008 and 2010 respectively further diversified the streams of graduate programs and enabled graduate students to work outside their specific field of study at graduate level. On the other hand, the MS programs enable prospective applicants to enhance their long-term performance in the dynamic fields of Science and Economics. Catering to a variety of sectors, the IBA also launched MS Islamic Banking and Finance, MS Finance, MS Management, and MS Data Science. From Fall 2020 MS Development Studies was introduced.

## Doctoral programs

The IBA launched its PhD Computer Science program in the year 2005 and PhD Economics and PhD Mathematics in 2011. These three PhD levels programs epitomize IBA's endeavour to become a world-class institution. They test the temperamental and analytical capacity of potential candidates while ensuring sustainable progression of their careers. These programs serve as valuable platforms for refining skills and honing the competencies of the degree pursuers, equipping them to perform groundbreaking research activities.



## Postgraduate diploma programs

IBA Karachi recently started four postgraduate diploma (PGD) courses in:

- Supply Chain Management
- Human Resource Management
- Project Management
- Healthcare Management
- Public Policy

These courses have been designed to develop an in-depth understanding of strategic, tactical, and operational challenges, which skilled practitioners are likely to face. Each PGD spans over a year with 12 courses and a live project. These courses will help bridge the competency gap in Pakistan and enhance professionalism of those involved in the industry. The curriculum design is based on several years of research through various stakeholder surveys and focus groups. Each program is devised to develop critical thinking among students which assists them in the application of their knowledge. The studies will also be augmented by online learning facilities through the Learning Management System. The following accreditations, consultants and partnerships help the program participants in preparing for an advanced skillset and immediate application of knowledge in the workplace:

- Academy of Human Resource Development, (AHRD) USA
- American Institute of Healthcare Quality (AIHQ)
- Project Management Institute, USA (Registered Education Provider)
- APICS, USA
- GS1 Standard Pakistan
- Institute for Supply Chain Management
- Chartered Institute of Logistics & Transport (CILT)
- The Indus Hospital
- Memon Medical Institute Hospital
- Tabba Heart Hospital
- Liaquat National Hospital

# Deans and Chairpersons

## Deans



**Dr. Wajid Hussain Rizvi**

School of Business Studies (SBS)

PhD (Marketing), Swansea University, UK



**Dr. Asma Hyder**

School of Economics and Social Sciences (SESS)

PhD, National University of Sciences and Technology, Pakistan & Sussex University, (Post Doc), University of Pennsylvania, USA



**Dr. Shakeel Khoja**

School of Mathematics and Computer Sciences (SMCS)

PhD (Computer Science), (Post-Doc Fellowship), University of Southampton, UK

## Chairpersons

Accounting and Law



Haroon Tabraze

Computer Science



Dr. Sajjad Haider

Economics



Dr. Adnan Haider

Finance



Dr. Sana Tauseef

Management



Dr. Muhammad Ayaz

Marketing



Dr. Farah Naz Baig

Mathematical Sciences



Dr. Hisham Bin Zubair

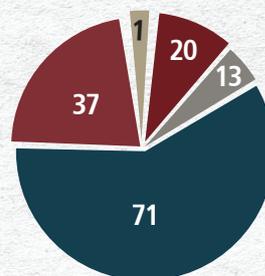
Social Sciences and Liberal Arts



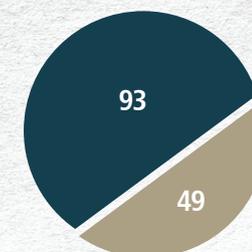
Dr. Sahar Nadeem Hamid

## Full Time Faculty at a glance

PhD (Foreign)	78
PhD (Local)	15
Masters (Foreign)	33
Masters (Local)	16
<b>Total</b>	<b>142</b>
Pursuing Higher Education (Abroad)	13
Pursuing Higher Education (Local)	02



- Professor
- Associate Professor
- Assistant Professor
- Lecturer
- Teaching Fellow



- PhD
- Masters

# Faculty

The IBA's mission is to impart quality education in fields of business and social sciences and to undertake original research that enriches teaching. The institute ensures achieving this outcome through strategies of faculty recruitment and training. During 2020-21, the IBA moved in this direction by adding more PhD qualified faculty, allocating more funds for faculty development, and improving research output.

Out of the 142 fulltime faculty on the IBA roster in 2020-21, 93 held PhD qualifications, the highest proportion in the institute's history. The IBA also benefited from the part-time teaching services of about 224 visiting faculty during the year. Visiting faculty brings corporate and industry experience to the classroom and connects the students of IBA with the real-world business issues and strategies.

## Full-time faculty by department

Department	Number of Faculty	PhD qualified
Accounting & Law	11	3
Computer Science	17	14
Economics	21	17
Finance	10	8
Management	16	12
Marketing	14	10
Mathematical Sciences	18	12
Social Sciences & Liberal Arts	35	17
<b>Total</b>	<b>142</b>	<b>93</b>

# Full time faculty

## Department of Accounting and Law

### Haroon Tabraze

Chairperson

Faculty Member

PhD (Pursuing) from University of Leicester, UK

### Annie Ahmad

Lecturer

Masters (Economics), University of Karachi, Pakistan

### Mahreen Nazar

Assistant Professor

LLM, James Beasley School of Law, Temple University, USA

### Mohammad Azam Ali

Assistant Professor

PhD Juris Doctor (Doctor of Law), Columbia Law School, Columbia University, USA

### Mohammad Sohaib Saleem

Assistant Professor

LLM, University of California, Berkeley, School of law (Bocult Hall), USA

### Mohsin Ali Patel

Assistant Professor

Pursuing DBA Split, University of Central Lancashire (UCLan), UK

### Morial Shah

Assistant Professor (Study leave)

Pursuing PhD, Georgetown University Law Center, USA

### Muhammad Asif Jaffer

Assistant Professor

DBA (Doctorate of Business Administration), Grenoble Ecole De Management, France

### Shayaan Abdul Shakoor Essa

Assistant Professor

LLM (Law), Harvard Law School, Cambridge, Massachusetts, USA

### Syed Sharjeel Ahmed Hasnie

Assistant Professor

DBA (Doctorate of Business Administration), Grenoble Ecole De Management, France

### Zahra Riaz Nakhoda

Lecturer

CA, Institute of Chartered Accountants of Pakistan

# Full time faculty

## Department of Computer Science

### Sajjad Haider

Chairperson

Professor

PhD (Information Technology), George Mason University, USA

### Anwar Ul Haque

Lecturer

Pursuing PhD (Computer Science), Institute of Business Administration, Karachi, Pakistan

### Faraz Zaidi

Associate Professor

PhD (Computer Science), Data Mining and Visual Analytics, University of Bordeaux I, France

### Imran Khan

Assistant Professor

PhD (Computer Science), Institute of Business Administration, Karachi, Pakistan

### Imran Rauf

Assistant Professor

PhD (Computer Science), Max Planck Institute for Computer Science, Germany

### Jibran Rashid

Assistant Professor

PhD (Computer Science), University of Calgary, Canada

### Muhammad Waseem Arain

Assistant Professor

Pursuing PhD, Institute of Business Administration, Karachi, Pakistan

### Quratulain Nizamuddin Rajput

Assistant Professor

PhD (Artificial Intelligence Lab), Institute of Business Administration, Karachi, Pakistan

### Sayeed Ghani

Professor

PhD (Electrical Engineering/Telecommunications), Columbia University, USA

### Shahid Hussain

Assistant Professor

PhD (Computer Science), King Abdullah University of Science & Technology, KSA

### Shakeel Ahmed Khoja

Professor

PhD (Computer Science), (Post-Doc Fellowship), University of Southampton, UK

### S. M. Faisal Iradat

Assistant Professor

PhD (Computer Science), Institute of Business Administration, Karachi, Pakistan

### Syed Tahir Qasim

Assistant Professor

PhD (Computer Vision, Marketing Learning) Académie de Versailles, France

### Tariq Mahmood

Professor

PhD (Machine learning), University of Trento, Italy

### Umair Azfar Khan

Assistant Professor

PhD (Information Science), Kyushu University, Japan

### Zaheeruddin Asif

Assistant Professor

PhD (MIS), Temple University, USA

### Zarmeen Nasim

Lecturer

MS Computer Science, Institute of Business Administration, Karachi, Pakistan

# Full time faculty

## Department of Economics

### Adnan Haider

Chairperson

Professor

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### Aadil Nakhoda

Assistant Professor

PhD (International Economics), University of California, USA

### Abbas Ali Gillani

Assistant Professor

PhD (Economics), University of Southampton, UK

### Amir Jahan Khan

Assistant Professor

PhD (Economics), University of Warwick, UK

### Aqsa Jawed

Lecturer

MSc (Economics), University of Warwick, UK

### Asma Hyder

Professor

PhD, National University of Sciences and Technology, Pakistan & Sussex University, (Post Doc), University of Pennsylvania, USA

### Faiz Ur Rehman

Assistant Professor

PhD (Economics), Erasmus University Rotterdam, Netherlands

### Fatima Sadik

Lecturer

MS (Economics), Institute of Business Administration, Karachi, Pakistan

### Heman Das Lohano

Professor

PhD (Applied Economics), University of Minnesota, USA

### Ilfan Oh

Assistant Professor

PhD (Economics), The New School for Social Research, USA

### Irene Martínez Fernández

Lecturer

Masters (Science, Development Economics), SOAS, University of London, UK

### Ishrat Husain

Professor Emeritus

PhD (Economics), Boston University, USA

### Khadija Malik Bari

Associate Professor

PhD (Development Finance), Strathclyde University, UK

### Lalarukh Ejaz

Assistant Professor

PhD (Innovation and Enterprise), University of Southampton, UK

### Lubna Naz

Associate Professor

PhD (Economics), Pakistan Institute of Development Economics, Pakistan

### Muhammad Nasir

Associate Professor

PhD (Economics), Clark University, Massachusetts, USA

### Naved Ahmad

Professor (Long leave)

PhD (Economics), Northeastern University, USA

### Qaiser Munir

Professor (Long leave)

PhD (Economics/Finance), University Malaysia Sabah (UMS), Malaysia

### Qazi Masood Ahmed

Professor

PhD (Economics), University of Bath, UK

### Rabbia Tariq

Lecturer

MPhil (Economics) Quaid-I-Azam University, Pakistan

### Wali-Ullah

Professor

PhD (Economics), Tohoku University, Japan

## Department of Finance

### Sana Tauseef

Chairperson

Assistant Professor

DBA (Doctorate of Business Administration), Grenoble Ecole De Management, France

### Ashraf Khan

Assistant Professor

PhD (Managerial and Actuarial Sciences), University of Udine, Italy

### Hilal Anwar Butt

Professor

PhD (Economics), Hanken School of Economics, Finland

### Irum Saba

Associate Professor

PhD (Islamic Finance), INCEIF, Malaysia

### Mohsin Sadaqat

Assistant Professor

PhD Business Administration (Finance), National University of Sciences and Technology, Pakistan

### Mohsin Zahid Khawaja

Assistant Professor

PhD (Finance), La Trobe University, Australia

### Nauman J. Amin

Assistant Professor

PhD (Finance), University of Birmingham, UK

### Saqib Sharif

Associate Professor

PhD (Finance), Massey University, New Zealand

### Sohaib Ahmed

Lecturer

Masters (Economics and Business Administration), Hanken School of Economics, Finland

### Tahira Maryam Jafferi

Lecturer

MBA (Finance), Institute of Business Administration, Karachi, Pakistan

## Department of Management

### Muhammad Ayaz

Chairperson

Assistant Professor

PhD (Management), Lahore University of Management Sciences (LUMS), Pakistan

### Abdullah Z. Sheikh

Professor

PhD University of Nottingham, UK

### Ameer H. Rizvi

Lecturer

MBA (General Management), University of the East, Philippines

### Amer Iqbal Awan

Assistant Professor

PhD, ESADE Business School, Spain

### Ashar Saleem

Assistant Professor

PhD (Organization Theory and Strategy), Lahore University of Management Sciences, Pakistan

### Kanza Sohail Khanani

Lecturer

MS (Economics), Institute of Business Administration Karachi, Pakistan

### Leon Bernard Menezes

Professor of Practice

MBA (HRM), University of Hull, UK

### M. Shahid Qureshi

Associate Professor

PhD (Entrepreneurial Marketing), Technical University Berlin, Germany

### Mohammad Kamran Mumtaz

Assistant Professor

PhD (Operations Management), Lahore University of Management Sciences, Pakistan

### Najam Akber Anjum

Assistant Professor

PhD (Manufacturing Knowledge Management), Loughborough University, UK

### Nasir A. Afghan

Assistant Professor

PhD (Managerial Effectiveness), University of Twente, Netherlands

### Nyla Aleem Ansari

Assistant Professor

PhD (Women Leadership and Human Resources), Grenoble Ecole de Management, France

### Rameez Khalid

Associate Professor

PhD (Industrial Engineering-Project Management), Institute National Polytechnique de Toulouse, France

### Shahid Raza Mir

Assistant Professor

PhD (Management), Adamson University, Manila, Philippines

### Syed Irfan Nabi

Assistant Professor

PhD (MIS), Institute of Business Administration, Karachi, Pakistan

### Usman Nazir

Assistant Professor

Pursuing PhD (Split) Edinburgh Business School, Heriot Watt University, UK

## Department of Marketing

### Farah Naz Baig

Chairperson

Assistant Professor

PhD, University of Southampton, UK

### Muhammad Mohsin Butt

Professor

PhD (Marketing), University of Malaysia Sarawak, Malaysia

### Sadaf Taimoor

Lecturer (Study leave)

MSc (Marketing & Strategy), University of Warwick, UK

### Amber Gul Rashid

Assistant Professor

PhD (Business and Management), Salford University, UK

### Muhammad Talha Salam

Assistant Professor

PhD (Management), Universiti Brunei Darussalam (UBD), Brunei

### Saima Hussain

Assistant Professor

PhD (Marketing), University of Southampton, UK

### Asim Shabir

Assistant Professor

PhD (Marketing), IAE Aix Marseille Graduate School of Management, France

### Nida Aslam Khan

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### Sumayyah Khurshid Khan

Lecturer

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### Beenish Tariq

Assistant Professor

PhD (Marketing), University Utara Malaysia

### Obaid Pervaiz Gill

Lecturer (Study leave)

Pursuing PhD (Strategic Orientations & Brand), University of New South Wales, Australia

### Wajid H. Rizvi

Professor

PhD (Marketing), Swansea University, UK

### Huma Amir

Assistant Professor

PhD (International Marketing), University of Warwick, UK

### Rimsha Bilal

Lecturer

MSc (Marketing), Manchester Business School, UK

## Department of Mathematical Sciences

### Hisham Bin Zubair

Chairperson

Assistant Professor

PhD (Applied Mathematics), Delft University of Technology, The Netherlands

### Abdul Majid

Assistant Professor

PhD (Mathematics), Lahore University of Management Sciences, Pakistan

### Ahmad Raza

Assistant Professor

MA (Mathematics), Mathematical Tripos, Cambridge University, UK

### Amir Bashir

Assistant Professor

PhD (Statistics), Massey University, New Zealand

### Babar Ahmed Qureshi

Professor

PhD (Theoretical Physics), Syracuse University, USA

### Danish Ali

Assistant Professor

PhD (Mathematics), ASSMS, Govt. College University, Lahore, Pakistan

### Gautam Kirshan Luhana

Lecturer

MAS, University of New York, USA

### Hira Atif

Lecturer

Pursuing PhD (Mathematics), Institute of Business Administration (IBA), Pakistan

### Javed Iqbal

Professor

PhD (Econometrics and Business Statistics), Monash University, Australia

### Junaid Alam Khan

Associate Professor

PhD (Mathematics), Govt. College University Lahore, Pakistan

### Maqsood Alam

Lecturer

Pursuing PhD (RS & GIS), University of Karachi, Pakistan

### Mohammad Shoaib Jamall

Assistant Professor

PhD (Mathematics), University of California San Diego, USA

### Muhammad Sheraz

Assistant Professor

PhD (Financial Mathematics and Statistics), University of Bucharest, Romania

### Naveed Ahmad

Associate Professor

PhD (Mathematical Science), ASSMS, Govt. College, Lahore, Pakistan

### Nazish Kanwal

Lecturer

Pursuing PhD (Mathematics), Institute of Business Administration (IBA), Pakistan

### Raziuddin Siddiqui

Assistant Professor

PhD (Mathematics), University of Durham, UK

### Shabana Nisar

Associate Professor

PhD (Experimental Particle Physics), Syracuse University, USA

### Yaseen Ahmed Meenai

Lecturer

MSc (Statistics), University of Karachi, Pakistan

# Full time faculty

## Department of Social Sciences and Liberal Arts

### Sahar Nadeem Hamid

Chairperson

Assistant Professor

PhD (Psychology – Perception and Cognition), University of Texas at Austin, USA

### Abdul Haque Chang

Assistant Professor

PhD (Anthropology), University of Texas at Austin, USA

### Ahmad Azhar

Assistant Professor

PhD (Medieval & Modern History), University of Gottingen, Germany

### Ali Gibran Siddiqui

Assistant Professor (Post-doc at Princeton)

PhD (History), The Ohio State University, Columbus, USA

### Aliya Iqbal Naqvi

Faculty Member

Pursuing PhD (History & Culture of the Islamic World) Harvard University, USA

### Amana Raquib

Assistant Professor

PhD (Religion, Philosophy and Ethics), University of Queensland, Australia

### Asma Ghani

Lecturer (Study leave)

Pursuing PhD (Psychology), Harvard University, USA

### Aun Ali

Assistant Professor

PhD (Sociology), University of Texas at Austin, USA

### Babar Ahmed

Assistant Professor

PhD (Philosophy and Islamic Studies), University of Exeter, Devon, UK

### Ghazal Asif

Teaching Fellow (Study leave)

Pursuing PhD, Johns Hopkins Anthropology Department, USA

### Gulnaz Anjum

Associate Professor

PhD (Psychology), University of Jena, Germany

### Hammad Sarfaraz

Lecturer

Masters of Science (Journalism), Northwestern University, USA

### Haniya Yameen

Lecturer (Study leave)

Pursuing PhD (Islamic Studies) University of Munster, Germany

### Huma Naz Siddiqui Baqai

Associate Professor

PhD (International Relations), University of Karachi, Pakistan

### Junaid Alam Memon

Professor

Post Doc (Institutional Analysis & Development), Indiana University Bloomington, USA

### Kamal Haq Siddiqi

Faculty Member

MSc (Media and Communication Studies), London School of Economics

### Laila Sohail Farooq

Assistant Professor

PhD (Political Science), University of Missouri Columbia, USA

### Maria Hassan

Assistant Professor

Pursuing PhD Split (Applied Language Studies), UITM, Malaysia

### Moiz Hasan

Assistant Professor

PhD (History and Philosophy of Science, Islamic Intellectual History), University of Notre Dame, US

### Muhammad Bilal Munshi

Assistant Professor

PhD (Politics), University of Bristol, UK

### Muna Khan

Lecturer (Long leave)

Masters of Science (Journalism), Northwestern University, USA

### Nadya Qamar Chishty Mujahid

Assistant Professor

PhD (English Literature), McGill University, Canada

### Nausheen H. Anwar

Professor

PhD (City and Regional Planning), Columbia University, USA

### Newal Osman

Assistant Professor

PhD (History), University of Cambridge, UK

# Full time faculty

## Department of Social Sciences and Liberal Arts

### Nudrat Kamal

Lecturer

MA (Comparative Literature) State University of New York, USA

### Palvashay Sethi

Lecturer (Study leave)

Pursuing MFA, Brown University, UK

### Rahma Muhammad Mian

Lecturer

MA (Media, Culture, Communication), New York University, USA

### Sajjad Ahmad

Lecturer

Pursuing PhD (Department of Comparative Religion), University of Karachi

### Shahzeb Ahmed Hashim

Lecturer

Masters of Science (Journalism), Northwestern University, USA

### Shehram Mokhtar

Assistant Professor

PhD (Media Studies), University of Oregon, USA

### Summer Qassim

Lecturer (Study leave)

Pursuing PhD (Social and Cultural Anthropology), University of Oxford, UK

### Syed Baqar Mehdi Rizvi

Lecturer

MA (Development Psychology), Columbia University, USA

### Syeda Beena Butool

Assistant Professor (Study leave)

Pursuing PhD (Ethics & Philosophy), Florida State University, USA

### Zahra Sabri

Lecturer

Pursuing PhD (Institute of Islamic Studies), McGill University, Canada

### Zainab Tariq

Lecturer

MA (Human Development & Psychology), Harvard University, USA

# Faculty research

Research-related activities such as conferences and publications are of importance to the IBA faculty. The table below shows all such activities that took place in the year 2020-21.

## Faculty research activity

Category	Items
Impact Factor (ISI) Journals	30
Other journals	34
Total journal articles	64
Books	2
Book Chapters	2
Conferences	10



# Program Directors and Coordinators

**Dr. Abbas Ali Gillani**

Director, Program Offices

**Dr. Moiz Hasan**

Coordinator, Foreign Languages Program (FLP)

**Dr. Tariq Mahmood**

Program Coordinator MS Computer Science and MS Data Science

**Dr. Ashar Saleem**

Program Director, MS Management

**Dr. Muhammad Asif Jaffer**

Program Coordinator, BBA & BS Accounting and Finance

**Kamal Haq Siddiqi**

Director, Centre for Excellence in Journalism (CEJ)

**Dr. Asim Shabir**

Program Coordinator, MBA Program

**Dr. Nyla Aleem Ansari**

Program Lead, MBA Executive and Academic Director PGD (HRM)

**Maria Hassan**

Coordinator, Ardeshir Cowasjee Writing Centre (ACWC)

**Dr. Danish Ali**

Program Director, PhD/MS and BS Mathematics

**Dr. Rameez Khalid**

Director, Center for Executive Education (CEE)

**Mohammad Sohaib Saleem**

Director, ORIC Project

**Dr. Heman Das Lohano**

Program Director, PhD/MS/BS Economics and BS Economics and Mathematics

**Dr. Saima Hussain**

Director, Quality Enhancement Cell (QEC)

**Dr. Imran Rauf**

Program Coordinator, BS and PhD Computer Science

**Dr. Saqib Sharif**

Program Coordinator, MS Finance

**Dr. Irum Saba**

Program Director, MS Islamic Banking and Finance

**Dr. Shahid Qureshi**

Program Director, Centre for Entrepreneurship Development (CED)

**Dr. Junaid Alam Khan**

Director, Talent Hunt Programs

**Dr. Shehram Mokhtar**

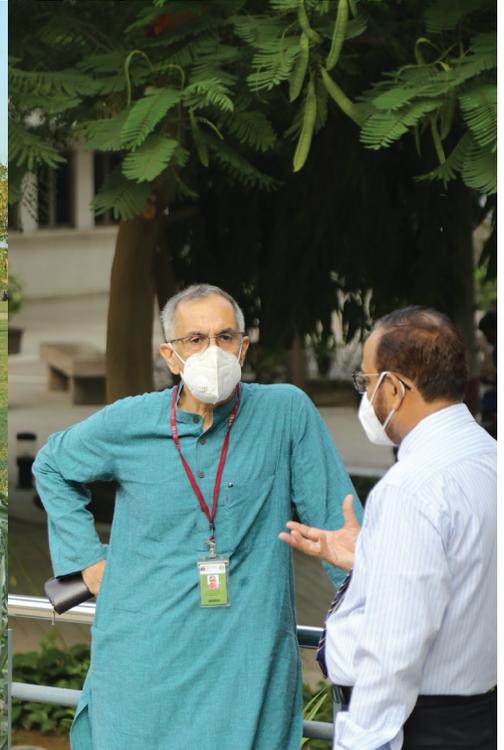
Program Coordinator, BS Social Sciences & Liberal Arts

**Dr. Laila Sohail Farooq**

Director, Centre for Business and Economics Research (CBER)

**Dr. Syed Tahir Qasim**

Coordinator, Final Year Project - Computer Science



# Admission policy and procedures

IBA, since its inception, has never compromised on quality in its standards of student intake, classroom instruction, discipline, assessment and testing. The challenge has been to continue the emphasis on quality, while promoting a culture of inquiry, innovative thinking, and intellectual and moral growth. To strive for excellence, the management of IBA considers it imperative to review the admission policy periodically and update it in the wider context of international practices.



## Salient points

- Admissions will be offered to all those who qualify for the strict merit-based admissions criteria irrespective of their race, religion, gender, ethnicity or socioeconomic background.
- No provision for any reserved/quota seats will be provided for any category of applicants.
- No attempt will be made to fill all available seats or lower the admissions criteria if an insufficient number of candidates apply or an individual candidate fails to satisfy the criteria.
- The cut-off point for individual programs in the aptitude test will be decided by the admissions committee using rigorous methods based on statistical analysis.
- For all undergraduate programs, there will be an aptitude test. Candidates may choose their specializations after a minimum of two years of study at the IBA for undergraduate and one year for graduate programs.
- No distinction will be made in the fee structure between the main and city campuses.
- No qualified candidate will be refused admission based on their inability to pay the IBA fee. Such candidates will be encouraged to apply for financial assistance and will be facilitated if they meet its award criteria.
- Admitted candidates who need financial assistance are encouraged to apply for it through the financial assistance office. Assistance is available in the form of full or partial scholarships, deferred payment plans and part-time work. The level and composition of assistance is determined by a financial aid committee. Needy students may also apply for interest-free loans through a non-IBA lending agency.

## Conditions, aptitude test, group discussion and interviews

The admission is based on a candidate's ability to meet the following conditions:

- Applying online and registering for the aptitude test.
- Paying the required fee for processing of the admission application and obtaining the admit card.

- Qualifying the aptitude test or providing proof for exemption from the aptitude test by furnishing SAT I/SATII/GMAT/GRE score transcript, whichever is applicable.
- Participating in a group discussion and appearing for an interview and meeting the requirements of both.
- Meeting the minimum academic eligibility requirement for the concerned program and providing all relevant academic documents.
- Providing equivalence certificate in case the applicants hold degrees issued by non-Pakistani universities/boards.



# Admission policy and procedures

## Minimum requirements for postgraduate diploma (PGD)

### Supply Chain Management, Human Resource Management, and Project Management

- 14 years of formal education with a 6-year post-qualification work experience
- 16 years of formal education with a 3-year post-qualification work experience

### Healthcare Management

- MBBS/BDS with 2 years' experience in a hospital
- Nurse graduates with a minimum of 5 years' experience in a hospital
- Other healthcare professionals with 16 years of formal education with a minimum of 2 years of work experience in a hospital

### Provision for professional degree holders and visiting students

Holders of professional degrees/certificates (such as BE, MBBS, LLB, CPA, CA and ACCA) are encouraged to apply for MBA/Master's programs. IBA also admits, without any prerequisites, visiting students in single courses depending upon the availability of seats.

### Equivalency claims

As a general rule, all equivalency claims shall be evaluated by the HEC ([www.hec.gov.pk](http://www.hec.gov.pk)).



## Credit transfer policy

### Transferable course credits

Course credits are transferable from Lahore University of Management Sciences, Karachi School for Business and Leadership, top 100 universities ranked by the international ranking compiled by Shanghai Jiao Tong University's Institute of Higher Education or by The Times Higher Education Supplement (THES) or Quacquarelli Symonds (QS), as well as from the universities with which the IBA has signed MoUs, provided that the candidate was enrolled in degree programs at these institutions.

### Further credit transfer stipulations

- The candidate's CGPA must be 3.00 or above on a scale of 4.00 or equivalent. The candidate is further required to have passed all stages of IBA admissions process and have been offered admission at IBA.
- IBA reserves the right to accept or reject any transfer candidate.
- When deemed appropriate, IBA may conduct subject Interview prior to admission.
- The academic committee shall recommend courses to be accepted for credit transfer subject to the approval of the academic board.
- Transfer of credits will be applicable to those courses with a minimum of B grade.
- A minimum of 50% of total degree credits must be completed at IBA.
- Courses transferred shall be indicated in the final transcript as being 'transfer credits'.
- The grades of transfer credits will be included in the calculation of the CGPA and such students will be entitled to compete for positions/medals.
- The dropped-out students of any program, who get admission again by clearing the IBA admission test and other requirements, will get the credit of the courses in which they had obtained a minimum of B grade. For transferring credits from one IBA program to another, provided that the course code is the same, the course will automatically be accepted in the new program.

## Credit transfer – PGD to MBA Executive

I. Academic rigor of PGD Programs: all PGD programs are academically rigorous programs, approved by the IBA's Academic Board (AB). Each course that is being taught in the PGDs and its respective course outline is approved by the respective departmental board of studies (BoS), then the IBA's Academic Committee (AC) and subsequently the AB. All faculty members instructing in the PGDs are assigned by the respective chairperson. Examinations in the PGDs are conducted by the Examination department and admissions in the PGDs are administered by the Testing Department.

II. Mandatory requirements: after completing the PGD, a participant can join MBA Executive Program subject to fulfilling all its entry requirements including, passing the qualification criteria, required experience, entry test and interview. Once successfully enrolled in MBA and subject to conditions, the participant will have maximum 9 courses transferred from his /her PGD into the MBA Executive Program.

III. Conditions:

- a. Each PGD Program has a designated list of courses out of which some courses will be exempted against elective courses, while other against core course of the MBA Executive Program. Eight courses will be exempted /transferred as electives into MBA Executive. One course will be exempted /transferred as core into MBA Executive.
- b. Moreover, following conditions apply to the transfer cases:
  1. PGD Project PRJ-501 and the course SCM-531: 'Accounting & Finance for Managers' are non-transferable.
  2. This transfer policy is applicable to all PGD-SCM (Supply Chain Management) participants.
  3. PGD-HCM (Healthcare Management) and PGD-HRM (Human Resource Management) batches 2021 and onwards will get exemptions /transfer as per this policy. For these 2 programs, this policy is not applicable to participants of Batch 2020. While, for all other previous batches, the exemptions /transfer will be given on a case-to-case basis.
  4. This transfer policy is applicable to the batches of PGD-PUP (Public Policy) and PGD-PMG (Project Management): from Batch-2021 and onwards. It is not applicable to earlier batches.
  5. Transfer of credits will be applicable to those courses with a minimum of B grade.

# Admission policy and procedures

Transferred against	<b>PGD - Healthcare Management</b>
	Course title
MBA-X Electives	HCM535-Epidemiology & Bio Statistics
	MGT512-Strategic Human Resource Management
	HCM536-Health Systems & Policies
	HCM503-Health Management Information System
	SCM548-Quality Management
	HCM537-Health Promotion & Evaluation
	HCM539-Hospital Planning, Design & Architecture
	MKT559-Supply Chain Management
	MGT553-Entrepreneurial Management
	MGT531-Project Evaluation & Management
MBA-X Core	MGT503-Managerial Communication
	MKT505-Advanced & Applied Business Research
	MGT510-Operations & Production Management
	MGT557-Organizational Behavior & Leadership
	LAW501-Legal & Regulatory Environment of Business
Transferred against	<b>PGD - Project Management</b>
	Course title
MBA-X Electives	PMG501-Project Management Framework & Tools (Equivalence: MGT531-Project Evaluation & Mgmt.)
	PMG511-Project Planning, Execution & Control
	PMG541-Project Management Information Systems
	PMG533-Project Procurement Management
	PMG571-Project Risk Management
	PMG521-Leading Project Organization
	PMG601-Special Topics in Project Management
	PMG532-Project Feasibility Analysis
	PMG551-Establishing Effective PMOs
	PMG561-Public Sector Project Management
	MKT559-Supply Chain Management
	SCM548-Quality Management
	MBA-X Core
LAW501-Legal & Regulatory Environment of Business	

Transferred against	<b>PGD - Human Resource Management</b>	
	Course title	
MBA-X Electives	MGT512-Strategic Human Resource Management	
	LAW511-Ethics, legal and Regulatory consideration in HR	
	HRM539-Compensation and Benefits Management	
	HRM530-Recruitment & Selection Techniques	
	HRM538-Performance Management System	
	HRM528-Human Resource Information System	
	HRM571-Training & Development	
	HRM551-Industrial Relation Management	
	HRM537-Employee Engagement & Retention	
	HRM558-Leading the Change Process	
	HRM555-Occupational Environment, Health & Safety	
	HRM520-Organizational Structure & Culture	
	HRM536-HR as Strategic Business Partner	
MBA-X Core	MGT557-Organizational Behavior and Leadership	
	MKT505-Advanced and Applied Business Research	
Transferred against	<b>PGD - Public Policy</b>	
	Course title	
MBA-X Electives	PUP533-Contemporary Global Affairs	
	PUP534-Macroeconomics for Policy Analysts	
	ECO544-Issues in Pakistan Economy	
	PUP535-Socio-Economic Development & Policy	
	PUP536-Theory and Practice of Public Finance	
	ECO560-Public Policy Analysis: Theory & Practice	
	PUP537-Policy Design and Delivery	
	PUP541-Lessons from policies that went wrong: Seminar	
	PUP542-Advanced Public Policy Analysis	
	PUP543-Institutions, Politics and Governance	
	SCM543-Globalization and Import-Export Policy	
	MGT531-Project Evaluation and Management	
	MBA-X Core	PUP531-Microeconomics and Public Policy (Equivalence: ECO501-Managerial Economics)
		PUP532-Communication for Public Policy Professionals (Equivalence: MGT503-Managerial Communication)
		MTS506-Quantitative Methods for Decision Making
LAW501-Legal and Regulatory Environment of Business		
MGT557-Organizational Behavior and Leadership		

# Admission policy and procedures

Transferred against	PGD-Supply Chain Management
	Course title
MBA-X Electives	MKT559-Supply Chain Management
	MKT571-Strategic Sourcing & Negotiation Skills
	MGT555-Project Management
	SCM532-Logistics: Transportation & Warehousing
	SCM533-Enterprise Resource Planning (ERP)
	SCM544-Supply Chain Modeling & Simulation
	SCM534-Managing Contracts & Supplier Relationship
	SCM542-Supply Chain Performance Evaluation
	SCM548-Quality Management
	SCM543-Globalization and Import-Export Policy
	SCM541-Supply Chain Sustainability & Business Continuity
	SCM535-Supply & Distribution Network Design
	SCM549-Manufacturing Strategy
MBA-X Core	MGT510-Operations & Production Management
	MTS506-Quantitative Methods for Decision Making

For more details, please visit: <https://cee.iba.edu.pk/>

## Experience requirement for MBA Executive

Although the minimum requirement of experience is 3 years after 16 years of qualification, IBA prefers candidates with 5 years of post-qualification experience. For self-employed and those involved in family business, IBA's admission committee will decide if their experience is acceptable.

## Applicants with a criminal record

The IBA acknowledges the key role of education in the rehabilitative process and a criminal record will not preclude an applicant from being offered a place at the institute. However, as part of its duty of care to its staff and students, the IBA will ask for information about any criminal record. Similarly, the IBA will ask any student rusticated or expelled on disciplinary ground from any other institution for additional information about any relevant matter.

## Admissions procedure

Online applications are accepted through IBA online admissions system. The link to the IBA online admissions system is <https://onlineadmission.iba.edu.pk/>. To apply online, applicants need to fill out an online admission application form, print a bank challan and take it to the designated bank branches to deposit the admission processing fee. The admit card will be emailed to candidates during the prescribed dates as per the procedure.

## Aptitude test

The aptitude test is conducted simultaneously in Karachi and other cities on specified date announced in the media/on IBA's website. Candidate may choose the test location while filling out the online application. The admit cards issued to the applicants indicate the test center, date and reporting time. Students are required to read all instructions given on the back of the admit card carefully. The applicants should bring their admit cards along with a photo I.D. to be able to appear for the aptitude test. Candidates who pass the aptitude test qualify for the group discussion followed by an interview.

# Admission policy and procedures

## Interview list

Names of the candidates who qualify the aptitude test and are eligible to participate in the group discussion and interview activities will be displayed on IBA's website. These candidates are to report to the venue at the designated date and time before the interview and group discussions.

## Required documents

Candidates are required to bring the following original documents on the day of group discussion and interview (where applicable):

- Matriculation/O'level certificate with transcript/marks sheet. Higher secondary school certificate (Part I)/A' level (first year) certificate with transcript/marks sheet
- Bachelor's degree with transcript/marks sheet\*. Master's degree with transcript/marks sheet\*
- Work experience certificate

## Group discussion (MBA Program)

The selected candidates are divided into groups. These groups are given a topic to debate and discuss amongst themselves. During this process, communication skills, interpersonal skills, confidence and leadership potential are assessed\*.

## Interview

Interviews are conducted for evaluating the level of maturity, academic aptitude, motivation, interpersonal skills and career focus of the applicants\*.

## List of successful candidates

The names of candidates who qualify the admission requirements will be notified through a list on IBA's website. These candidates will get their admission letter, fee challan, and other documents through an email sent by

the admissions office. As a prerequisite for issue of admission letter and other documentation, all successful candidates are required to deposit the transcripts bearing proof of them having met the minimum academic eligibility requirements for the respective programs.

## Correct name spelling

Every successful candidate must check the spelling of their name and father's name at the time of enrollment. The name spelling used on Matric (SSC)/O level is used on all academic credentials issued by the IBA. Every successful candidate is also required to provide complete contact information and their CNIC number in the ERP at the time of enrollment.

Disclaimer: Any candidate who provides false or incorrect information about work experience, grades, financial status of the family or any other required material or submits any fake supporting documents will be permanently debarred from applying to the IBA. Note – Exception from the above policy due to Covid-19 Pandemic: Due to the unprecedented interruptions caused by Covid-19 Pandemic, special (one-time) exception from the above policy has been created to facilitate the candidates whose academic year has been affected by the Covid-19 Pandemic. Program-wise details of these exceptions are available on the IBA website

([www.iba.edu.pk](http://www.iba.edu.pk)).

## Fee and enrollment

Only those candidates should deposit their fee in the prescribed banks who have met the academic eligibility criteria for the concerned program (other candidates should not deposit any fee as they will face a lengthy process of getting a refund). These candidates must, however, submit copies of following documents attested by a gazetted officer to complete the enrollment process:

- Matriculation/O'level certificate
- HSC/A'level certificate with transcript/marks sheet
- Bachelor's degree with transcript/marks sheet
- Master's degree with transcript/marks sheet
- Work experience certificate\*
- Migration certificate of the university/board concerned, except in the case of Karachi university/Karachi board
- Equivalence certificate in case of holders of degrees/certificates issued by non-Pakistani universities/boards
- Original copy of the fee challan deposit slip

- Photos x 2 (passport size)

\*Where applicable

## Quality Enhancement Cell (QEC)

The Quality Enhancement Cell (QEC) works with both internal and external stakeholders to ensure that the IBA's academic quality undergoes a process of continuous improvement. The QEC works with the Head of Departments, Program Directors, students and faculty to ensure a quality-based academic environment. At its very basic level, the QEC ensures compliance with the Higher Education Commission (HEC), Pakistan directives for quality improvement through HEC's annual Institutional Performance Evaluation (IPE), Self- Assessment of programs and MS/MPhil and PhD program reviews.

Moreover, the QEC liaises with regulatory bodies including HEC, Pakistan, national accreditation agencies such as the National Computing Education Accreditation Council (NCEAC), international accreditation bodies such as Association of Management Development Institutions in South Asia (AMDISA), as well as academic quality organizations such as the International Network for Quality Assurance Agencies in Higher Education (INQAAHE), The Talloires Network and Asia Pacific Quality Network (APQN). These linkages serve as an incredible source for exchange of ideas for innovation in academia.

Additionally, the QEC forms part of the national network of QECs established by the HEC in Higher Education Institutions (HEIs). The IBA QEC participates actively in the national arena and ensures IBA is represented at all relevant platforms. As a connecting bridge between internal quality and external best practices, the QEC plays an important role in ensuring IBA continues to be at the cutting edge of innovation in academia.

The QEC maintains semester-wise course files, conducts student and faculty course evaluations surveys, shares survey findings with the management, and administers the anti-plagiarism software. The QEC is always open to suggestions for improvements and strives to contribute towards improving the quality parameters of the Institute according to the national and international standards of education.

# Rules and regulations

The primary goal of rules and regulations is to ensure the quality and standard of education as well as to encourage professionalism. Adherence to rules and regulations by students is vital for the proper functioning of the programs. Some of the core elements of the rules and regulations pertaining to the academic conduct at IBA are appended below for guidance and compliance by all students:

## Discipline

Discipline, punctuality and conformity to schedules and deadlines are basic requirements at the IBA and are expected equally from faculty members and students. This ensures a strong commitment towards professional excellence in all those who come to teach or learn at the IBA.

## Good standing

Students are required to maintain discipline, good conduct and appropriate behavior during their studies at the IBA. A student shall be deemed to have lost good standing if their conduct and behavior is found objectionable from a disciplinary point of view. Consequently, their name shall be dropped from the rolls of the Institute.

## Attendance

A distinguishing feature of the IBA is its stringent adherence to the academic calendar. Students are required to attend lectures, laboratory sessions, seminars and fieldwork specified for every course in a semester. The course instructor takes attendance in each class. Late comers are marked absent even if late by one minute; no excuse is accepted. If a student accumulates more than the permissible absences, they are awarded 'F' in that particular course. Students found tampering with attendance records in any way will immediately be expelled from the Institute. The permissible number of absences for students will include participation of the IBA students in conferences/seminars/events, sports at national/international level, an exchange program, religious activities (pilgrimage etc.) and add-drop week.

Permissible absences per semester are mentioned in the following table:

Semester type	Duration of session	Total sessions	Allowed absences
Spring or fall	75 or 90 minutes	28	5 for full time students 7 for part time students
Spring or fall	150 or 180 minutes	14	2 for full time students 3 for part time students
Spring, summer, fall	180 minutes	12 MBA-Executive only	3
Summer	120 minutes	21	3
Winter	180 minutes	12	2

Please note that no attendance will be transferred from one course to the other. Transfer of attendance will only be allowed across sections of the same course for the first week of the semester. Attendance of classes on the first and last day of the semester is mandatory for all students.

## Cheating and plagiarism

The IBA maintains a strict policy on academic impropriety based on its zero-tolerance for such activity. Any student found cheating or using unfair means in examinations will be immediately expelled from IBA and will be declared ineligible for re-admission. A booklet highlighting IBA's policy on plagiarism is available on the portal for all students to read and comply. Mobile phones, smart watches and any other communication devices are strictly prohibited during examinations. A fine of Rs. 10,000 to Rs. 20,000 shall be applied to students who violate this rule.

## Transfer of credits

Students of MBA Evening Program may seek advance credit for not more than two required courses, which they may have successfully completed while being students in the certificate program. They are subject to the following conditions:

- The student must have held a Master's degree with 60% marks at the time of admission to the certificate program
- The final grade of the course in the semester should be at least "B"
- The course for which the credit is sought was completed within two years from the date of admission

## Additional course policy for undergraduate programs

Students are allowed to take one additional course only under the following conditions:

If a student has a course deficiency due to failure in a course, it may be overcome by taking one additional course in their 7th or 8th semester.

There is no minimum CGPA requirement in the aforementioned cases and students may enroll in an additional course without obtaining special permission from the Dean. All other students are required to follow the semester-wise course load given below for their respective program including non-credit courses. Students are also encouraged to make up their deficient courses during summer semesters.



# Rules and regulations

## Normal course load for undergraduate programs

Please note that normal load varies for different semesters and different programs

Programs	Semester (Credit Hours)							
	1	2	3	4	5	6	7	8
BBA	15	18	18	15	16	16	15	15
BS (Accounting and Finance)	18	18	15	15	16	15	15	15
BS (Computer Science)	16	19	17	17	16	16	15	15
BS (Economics and Mathematics)	15	15	16	15	17	16	19	15
BS (Economics)	15	15	15	15	16	16	19	15
BS (Social Sciences and Liberal Arts)	15	15	16	16	16	16	16	18

## Normal course load for graduate programs

Programs	Credit Hours		Conditions
	Spring or Fall Semester	Summer semester	
MBA (full time - Morning)	18	3 to 6*	*Only 3 credits in summer if doing internship
MBA (part time - Evening)	6 to 9* Or 6**	3 to 6	*9 credits if CGPA is above 3.00 **If enrolled in Corporate Strategy then only 6 credits are allowed in that semester
MBA (Executive)	9 to 12*	9 to 12*	*12 credits if CGPA is above 3.00
MS (Mathematics)	12	3*	*3 credits for removal of deficiency
MS (Computer Science)	9	3 to 6	Part-time students may take a maximum of 9 units in a regular semester
MS (full time - Economics)	12 to 15	3 to 6	Up to 18 credits if doing MS thesis
MS (Islamic Banking and Finance)	12	3 to 6	-
MS (Management)	12	3 to 6	-
MS (Journalism)	15	3 to 6	-
MS (Data Science)	12	3 to 6	-
PhD (Mathematics)	9	-	-
PhD (Economics)	9 to 12*	-	*12 credits is maximum
PhD (Computer Science)	9 to 12	3	-

A student cannot take additional course(s) in any semester except in the final semester to complete course work.

Part-time students of MS programs may take 3 to 9 credits in spring and fall semesters.

## Withdrawal from a course

A student may withdraw from courses if such withdrawal helps the student in improving their performance in the remaining courses. Withdrawal from a course is not treated as failure and it does not impact the GPA. A "W" grade would be indicated on the transcript for a withdrawn course. However, once a student has accumulated more than the permissible absences in any course, they are not allowed to withdraw from that course and is awarded with "F".

Full-time students are allowed to withdraw from up to two courses in a semester.

Part-time students are allowed to withdraw from some or all of the courses for which they have registered in a semester.

Withdrawals from courses can be requested by submission of the course withdrawal form (obtainable from Program Office or downloadable from the IBA portal) to the respective Program Office within one week after announcement of the midterm examinations result.

## Semester freeze

Semester freeze (or break) is a semester in which a student is not registered for any course due to personal reasons. Any student availing one or more semester freeze must complete the degree requirements before the stipulated time bar for the program in which they are enrolled. Every student who wishes to avail a semester freeze must formally inform the Program Office about it at least one week before commencement of the semester. If a semester freeze is required during a semester, then the application must be submitted to the Program Office at least one week before the commencement date of final exams for that particular semester. All courses are marked as withdrawn when a semester break is applicable if such a break was requested during the semester.

## Make-up examinations

The following policy is applicable to all academic programs at the IBA.

### i. Full time (morning) program students

Under normal circumstances, no make-up examination shall be allowed for missing a midterm or final examination. However, if an exam is missed due to oversight or some non-emergency but urgent event, a makeup exam may be approved with a deduction of 15% of obtained marks. Make-up exam fee of Rs. 10,000 per course shall also be applicable.

# Rules and regulations

## ii. Part time MBA/MBA Executive/MS program students

Evening MBA, MS or MBA Executive program students, who are sent out of Karachi or called on site during midterm or final exams on official assignments by their respective organizations may be allowed to take make-up examinations after submitting a request on the Student Facilities System (SFS) under the following conditions:

- a) This facility will only be availed once for either a midterm exam or a final exam of each course in a semester.
- b) The concerned student shall be required to provide the following documents at least one week before the scheduled exam:
  1. A certificate/official letter from their organization giving details of their official assignment.
  2. Evidence of official travel comprising tickets or other documents as applicable.
  3. The concerned student shall be required to appear in the make-up of a term exam within three weeks of the original exam date and within six weeks for the semester final exam.

### Extraordinary circumstances for make-up examination (applicable to all students)

The extraordinary or unforeseen circumstances for a make-up exam are:

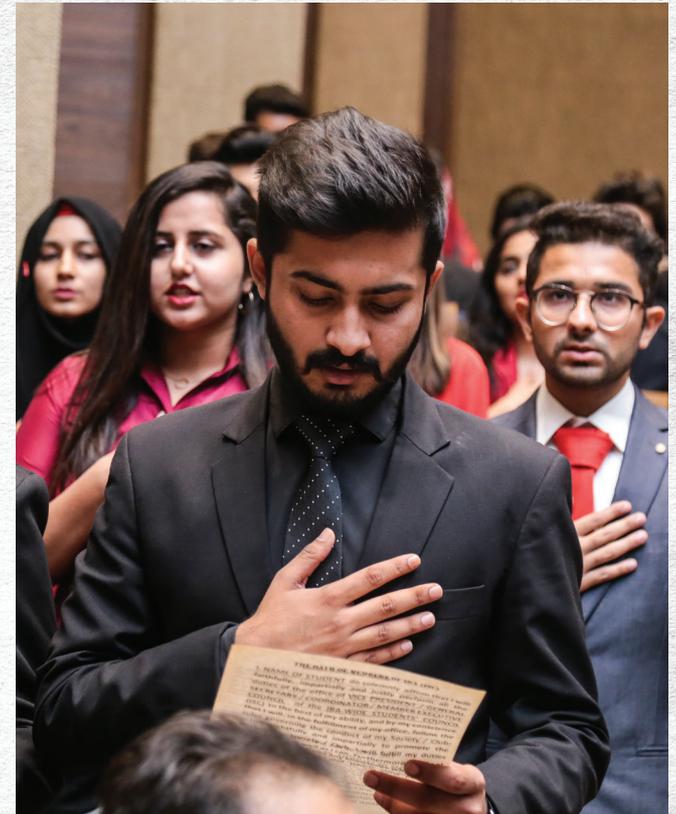
1. Personal illness requiring hospitalization or emergency medical care.
2. Bereavement due to demise of a parent.
3. Severe illness of a relative (parent, spouse) e.g. their hospitalization for surgery or due to critical medical condition.
4. Out of town travelling (official visit) for part-time students as mentioned above (II a and b).
5. Participation in an IBA approved event/conference.

All applicants will have to submit a request on the Student Facilities System (SFS) and produce verifiable documentary

evidence to substantiate their request within 3 weeks of midterm exam and 6 weeks of final exam. Medical documents would require authentication by recognized hospitals for acceptance as evidence. Hard copies of evidence may be required. Similarly, proof of travelling (copies of tickets, passport visa page and entry/exit endorsement pages), official letter from employer are required for official visit cases.

### Decision of a make-up exam

The Academic Council (AC) may on the recommendation of the concerned program director/coordinator and faculty member, consider allowing make-up exam. The council's decision in this regard shall be final. A make-up exam may be requested for either a midterm or final exam of each course in a semester. In case a student misses their midterm/final exam due to the above mentioned circumstances they may apply for "I" (incomplete) with all supporting documents including medical certificates via the SFS to the AC. If the AC is satisfied with the genuineness of the claim, then it may award an "I" grade for the course. If an exam is missed due to some reason other than the abovementioned circumstances, then a deduction of 15% obtained marks shall be applicable if the case gets approved by the AC. However, if the AC is not satisfied with the genuineness of the case, then the grade applicable with respect to obtained marks shall be awarded by the course teacher.



# Rules and regulations

## Make-up exam fee

Rs. 10,000/- per course

## Mode of make-up exam

After a formal approval of the make-up exam request the course teacher shall set up a make-up exam to be conducted by the examinations department.

Or

The concerned student may appear for the missed exam in the following semester (when the course is on offer) without attending classes provided the attendance of that student was complete..

## Rechecking of final paper

Students may request for rechecking of their exam scripts subject to a deposit of Rs. 12,000/- per course, which is refundable if any significant improvement in grades/marks is found after rechecking. They may request rechecking for either midterm or final exam per course within 1 month of release of final grades of all courses studied in a particular semester.

## Grading and evaluation

Student performance is evaluated through a system of assessments spread over the entire period of their studies. Students are assessed through a series of short quizzes, class discussions, written assignments, research reports, presentations on different topics, midterm and final exams. All these assessments contribute to the final grade. 60% of the final grade is based on the semester work including midterm exam and the remaining 40% on semester final examination. However, the Institute reserves the right to modify these weights.

Faculty members have the option of choosing either the absolute or relative grading scheme and may also decide the percentage for A, B, and C grade.

A cumulative grade point average (CGPA) is computed as a weighted average of the grade points and credit hours for all

the courses taken by the student at the end of every semester. Final grades in each course are converted to grade points according to the following absolute grading plan:

Grade		Marks	GP per unit
A	A	93-100	4
	A-	87-92	3.67
B	B+	82-86	3.33
	B	77-81	3
	B-	72-76	2.67
C	C+	68-71	2.33
	C	64-67	2
	C-	60-63	1.67
F	F	0-59	0
I	I	Incomplete	
W	W	Course withdrawn	

CGPA = Sum of (credit hours x grade points)/sum of credit hours

The initial CGPA of part-time MBA and MS program students is calculated based on the first 6 and 3 courses taken by them respectively.

The credits for courses studied from any of the top 100\* universities of the world, LUMS, KSBL and the universities with which IBA has Memorandum of Understanding (MoU) for student exchange, will be included in their CGPA after approval by the Academic Board of the IBA. However, the credits for grades earned from universities/institutes other than those mentioned above will be decided on a case-to-case basis by the Academic Board (AB) and will not be included in the CGPA calculation. This will be applicable for all degree programs at IBA.

\*Top 100 refers to Times Higher or QS Education Ranking

## Dean's Honour List

The Dean's Honour List (also called Dean's list) is an honorary academic list of students who are exceptional performers at the IBA. The list is published at the end of spring and fall semesters for undergraduate degree programs, full time MBA, and spring, summer and fall for MBA Executive students. It is also displayed on the portal and website. There are separate lists for each full-time program. All credit courses will be counted.

A position on the Dean's list entitles the student to wear the IBA logo in a star on their ID card as a symbol of distinct identification which also allows them to avail benefits such as book discounts. Additionally, the said special mark will be displayed on the high achiever's transcript and against their entry in the graduate directory.

## Criteria for Dean's List

The following will be the criteria for including a student's name on the Dean's List, which will be finalized by the Dean's list committee:

- The cumulative grade points average (CGPA) must be greater than or equal to 3.5.
- The student must have completed at least 4 (3 or more credit hour) courses in a regular semester. Undergraduate students in their last semester with 3 or less courses remaining are required to take 4 or more courses in order to be eligible for the Dean's List provided all other criteria are met. MBA Executive students must have completed 3 (3 or more credit hour) courses in the semester.
- The student must not have been subjected to any disciplinary action within the Institute during the semester. (Disciplinary actions will include all those actions for which a student can be suspended).
- Students who obtain an academic semester average of 90% or more will earn the honor of the Dean's List with distinction.

# Rules and regulations

## Award of medals or shields for best student

The top student of each program qualifying the following criteria will be awarded the IBA medal. The 2nd and 3rd best students would be awarded shields. All awards may not necessarily be given each year and for each degree program. Awards will only be given if the graduating batch of a program has a size of at least 20 students. The criteria for award of medals/shields will be as under:

- The student, who has the highest CGPA, without any failure, shall be eligible, provided the CGPA is 3.5 or higher.
- In case of a tie where the CGPA is the same, the student with the higher average percentage marks shall be eligible for the award of medal.
- No award will be made unless there is a candidate of sufficient merit. For example, if only one student qualifies according to the abovementioned criteria, they will be awarded a medal and there will be no shield.
- No distinction shall be made between different batches from different admission cycles or campuses i.e. all graduating students of a particular program satisfying the above criteria would be considered as a large group of candidates for award of medal/shield described above.
- The student must have completed the normal course load for each semester of their program.

## Minimum GPA requirements for BBA/BS/MS/MBA/MBA Executive degree programs

A student must maintain a minimum CGPA of 2.20 on a cumulative basis during their stay at the IBA. Any student with a CGPA of less than 2.00 would be dropped from the rolls of the Institute. Such a student may submit an appeal to the Academic Board (AB) via the Academic Council (AC) for an additional semester of studies to improve his/her CGPA to 2.0 or higher value. The decision of the AB shall be final and binding for such cases. Every such appeal must have strong documentary

justification before presentation to the AB. The appeal may be submitted to the respective Dean Office within 1 week of notification by the examinations department.

If a student's CGPA falls between 2.00-2.19 (probation range) in spring/fall semester, they would be issued a warning letter and put on probation and permitted to study maximum of 3 (3 credit hour) courses in the next regular (spring/fall) semester or 1 (3 credit hour) summer course in which they are registered. The next semester of studies (probation semester) need not be subsequent to the one in which the CGPA fell between 2.00-2.19.

At the end of the probation semester, a probationer is required to improve their CGPA and bring it up to the required minimum 2.20. However, if the CGPA still remains within the probation range then the probation shall continue in the next semesters of studies in which the probationer may study until the CGPA improves to a value of 2.00 or higher. There would be no warning letter for summer courses.

If a student fails to pass certain courses and yet manages to maintain their CGPA equal to or above 2.20, they are allowed to repeat and clear the course(s) or substitute(s) (wherever permissible) before the degree is awarded to them provided that the enrollment period has not expired.

The CGPA is computed for evaluation at the end of each semester including a summer semester that a student might have enrolled in. First term undergraduate students must have studied 15 credit hours except BSCS for which 17 credit hours must have been studied. All Master's degree program students must have studied 18 credit hours. Withdrawn courses are not counted in the CGPA calculation.

## GPA requirement for an award of BBA/BS/MS/MBA/MBA Executive degrees:

If the CGPA of a student in the final semester is less than 2.20 but above 2.00, then the student shall be required to repeat one semester of the lowest academic standing or certain courses in order to bring their CGPA up to 2.20 with the following

conditions:

If the student succeeds in improving the CGPA (minimum 2.20), then they will be eligible for award of the degree for the program in which they are enrolled, subject to fulfillment of coursework and other applicable partial degree requirements. Otherwise such a student shall be issued transcript of credits earned and no degree shall be awarded.

The time period to remove the deficiency and to bring CGPA to a minimum 2.20 is one year and it should be within the enrollment period.

## GPA requirement for an award of PhD degree

A PhD scholar is required to have a CGPA of above 3.0 after completion of coursework to be eligible for the comprehensive exam. Anyone with a CGPA below 2.5 shall be dropped from the program. A transcript of credit for the studied courses may be issued to a drop out student.

## Improvement of grades

Students are allowed to repeat course(s) for improvement of grades with the following conditions:

- The better of the two attempts would be treated as the final result towards CGPA calculation and there would be no averaging.
- A student who repeats course(s) would not be eligible for the medal.
- This option will not be available to those students who have graduated or have been dropped out.

If a student has repeated a core course for a better grade, then he/she is required to intimate the examinations department about the course and request for exclusion of poor grade. The transcript processing for graduating students shall remain on hold until provision of this information.

# Rules and regulations

## Summer semester

The summer semester is for improvement of grades or removal of deficiencies if any. Students are not allowed to register for an advanced credit or additional course, and can take a course that they have failed or dropped earlier. Students doing summer internship, are allowed to remove deficiency in one course during the summer semester. Students not doing an internship, can clear up to two deficiencies. Students may withdraw from one course during the summer semester. Withdrawal should be sought within a week after the announcement of the midterm examination result.

## Internship evaluation

The summer internships for full-time students are closely monitored and evaluated. Feedback about the performance of the intern is obtained from their supervisor. At the end of the internship, the student submits an internship report, certificates and the evaluation form filled by the company supervisor to the Career Development Centre.

Students who do not submit their internship reports shall not be issued transcripts and degrees until submission of the reports.

## Comprehensive examination

Every MBA and MBA Executive student is required to pass the MBA comprehensive examination after completion of their core courses. This examination is held after every regular semester (in January and August). A maximum of three attempts are allowed to pass the comprehensive examination within the enrollment period. Students, who fail to pass the comprehensive examination, are eligible for a provisional transcript of credit for coursework only. MBA comprehensive examination is a partial degree requirement for award of degree.

Every PhD scholar is required to pass PhD comprehensive exam (maximum 2 attempts are allowed) after completion of coursework in maximum 2 years. Any PhD student who fails to pass the comprehensive exam within 2 years shall be dropped from the program. This exam comprises of sub-exams on

different subjects studied during the coursework as described below:

- PhD CS: 5-hour exam comprising of 5 papers (set by at least 3 different examiners) in a single day.
- PhD Mathematics: 4-hour exam comprising of 4 papers in a single day.
- PhD Economics: 2 exams of 4-hour duration on 2 separate days. Each exam comprises of 3 parts with individual examiners but aggregate pass/fail result of the exam.

## Proposal and dissertation defense for PhD programs

Every PhD student is expected to pass the dissertation proposal defense within one year and maximum of two years after passing the comprehensive exam. The Doctoral Guidance Committee (DGC) may allow multiple attempts within the enrollment period. Failing to pass the proposal defense within 2 years would result in dropout from the program.

Candidacy is granted after successful dissertation proposal defense. A PhD candidate is expected to complete and submit the dissertation for evaluation within two years of proposal defense. Two extensions of one year each may be given by BASR upon recommendation of the DGC if the enrollment period has not expired.

An appeal may be submitted to the BASR via DGC for extensions which shall be considered on a case-to-case basis and in compliance of HEC rules. If the appeal is rejected, then the candidate shall be dropped from the program.

## Enrollment

Enrollment is a formal registration of students admitted to academic programs at the IBA. Students who have accepted the offer of admission for joining any academic program at the IBA are required to submit the enrollment form along with the following documents within 6 weeks starting from the semester's commencement date:

- Photocopy of secondary school certificate/O'Levels certificate
- Attested photocopy of Higher Secondary School certificate/A'Level certificate

- Attested photocopy of Bachelor's degree (if applicable)
- Attested photocopy of Master's degree (if applicable)
- Attested photocopy of CNIC or birth certificate
- Attested photocopy of equivalence certificate in case of foreign certificates/degrees
- Two recent passport size photographs duly attested by the concerned program office

Equivalency certificates are required in the following two cases:

- If the student holds a foreign degree then they must get an equivalency certificate from the HEC
- If the student holds a GCE O'Levels/A'Levels or international baccalaureate certificate from a foreign country, then they must get an equivalency certificate from the IBCC

Note: Documents must be attested by a class one officer of the government of Pakistan.

Students with O'Levels or similar certificates that do not contain father's name are required to submit documentary evidence of their father's name spelling in the form of CNIC, FRC, or passport.

## Cancellation of enrollment

The enrollment and admission of a student whose certificates/degrees are found to be fake would be cancelled. Such students may also be permanently debarred from the IBA.

## Change of particulars (change of name) on IBA documents

Academic documents issued by the IBA shall have the name in full form as mentioned in the matriculation certificate/O' Levels certificate or the equivalency certificate from IBCC that signifies the first education certificate/degree they hold. However, if a student wants their name changed in the IBA documents then they must first get their credentials changed on their first educational documents. Alternatively, they may get a certificate from the IBCC.

All academic credentials must have the same nomenclature and identification credentials may have a slightly different nomenclature. However, it is advisable to have same nomenclature on all documents.

For additional information and details visit: <https://examinations.iba.edu.pk/>

# Rules and regulations

## Time-bar rule

Every student admitted to some program at the IBA has to complete the academic requirements of that program in the stipulated time called enrollment period to be eligible for award of diploma/degree for the program. The enrollment periods are given below for reference:

Program	Enrollment period
Undergraduate Programs BBA/BSCS/BSAF/BSEM/BSECO/ BSSSLA	7 years
MBA Morning	5 years
MBA Evening/MBA Executive	7 years
All MS programs	4 years
PhD	8 years
PGD*	3.5 years

An extension of enrollment may be requested from the Academic Board (AB). The AB would consider the request on a case-to-case basis and may grant an extension of 1 to 2 semesters. If the appeal is rejected by the AB, then the student shall be eligible for a transcript of credit for the coursework only. His/her name shall be dropped from the rolls of the IBA. Any student with an expiring enrollment period should approach the respective program director and submit a formal application with strong justification for an extension in enrollment.

For course work, the period shall be counted from the date of admission.

\*In case an MBA (evening) student opts to do PGD only, then 3.5 years' time limit will apply, otherwise the student may continue and complete their MBA (Evening) in 7 years.



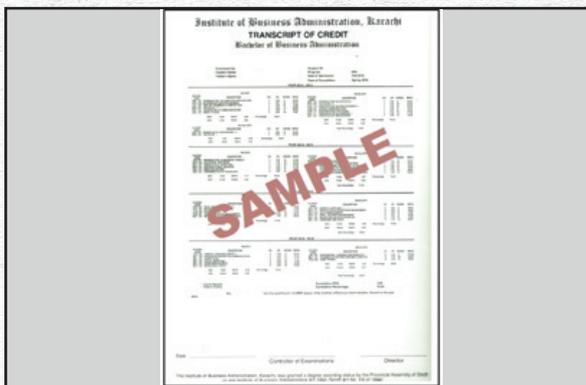
## Transcript of credit and degree certificate

Students can get an official transcript of credit with their grades from the Institute within 30 working days. Urgently required transcripts can be obtained within 7 working days on payment of an additional Rs. 2,500/-. The issuance of transcripts is subject to clearance from Finance, CDC, hostel, library and laboratory (in case of CS students). MS/PhD students are also required to submit a copy of their research-survey/project/thesis to the library and obtain clearance from the library. All graduating students must verify their particulars like name and father's name spellings, CNIC, DOB on the ERP before requesting a transcript or degree. A revision note shall be mentioned on any transcripts or degree issued if any particular is changed after generation of the document and revision charges will also be applicable. Provisional and official copies of original transcript of credit may also be requested for admission to universities upon payment of Rs. 2,500/-.

Transcript shall be issued only to the student in person or to a person (preferably blood relative) duly authorized by the student if the student is out of city. Students may generate an unofficial electronic copy of the transcript on their own from the ERP system.

Request for different kinds of transcripts should be submitted online via the following link to examinations department which prepares, issues and verifies them.

<https://webapps.iba.edu.pk/tnd/>



## Degree certificate

As per HEC guidelines, in order to graduate, students at the IBA have to complete

(a) 4, 2 and 1.5 years of studies for undergraduate, MBA / MBA-Executive and MS programs respectively. The PhD rules are separate from these and are mentioned under their respective programs.

(b) the required course load and credit hours for an undergrad degree. This is applicable to all undergraduate programs and students of all categories (fresh/internal transfer/transfer through retake).

(c) the required internships and

(d) submission of project / research survey reports or thesis

Degree is issued within 15 working days from the date of application. An additional fees of Rs. 6,000/- is applicable for duplicate/urgent degree (obtainable in 7 working days). Degree shall be issued only to the student in person or to a person (preferably blood relative) duly authorized by the student if the student is out of city.

Degree fee for PhD Programs is Rs 10,000/-.

Request for degrees should be submitted online via following link to examinations department which prepares, issues and verifies them.

<https://webapps.iba.edu.pk/tnd/>

## Duplicate transcript/degree

In case a transcript/degree has been lost, duplicate transcript/degree can be requested by submitting a formal application to the examinations department along with:

- An affidavit on a stamp paper of Rs. 100/- duly attested by a first class magistrate
- Original clipping from any newspaper announcing the loss of the transcript/degree
- FIR of lost transcript/degree
- Copy of transcript in case of a duplicate degree
- Copy of CNIC

# Rules and regulations

A revision note shall be mentioned on each duplicate document indicating the details and invalidation of the lost document.

For additional information and details visit: <https://examinations.iba.edu.pk/>

## Medium of Instruction letter / Status of Enrollment / Migration or Character Certificate

The medium of instruction at the IBA Karachi is English. All classes (except foreign language courses), assignments, presentations, research projects and assessments are conducted in English.

Students may request for a letter stating the above information for fulfilment of their admission or immigration requirements.

Current students seeking admission at another academic institution, pursuing a visa or seeking employment may require proof of their enrollment at the IBA and to fulfill that requirement, students can request for the status of enrollment letter. Additional information including, program duration and courses credits can also be included.

Similarly, a migration certificate is officially required by various Pakistani universities, the IBA provides this certificate to its students upon request.

For additional information and details visit: <https://examinations.iba.edu.pk/>

## Verification of transcript/degree

Formal verification of academic credentials including transcripts, degree and diploma certificates is often required to establish authenticity for admission to other universities / academic institutions and for immigration or recruitment purposes.

Verification may be requested as a letter or email by:

- Recruiting organization or companies
- Admission offices of university/institution where admission is being sought
- Immigration processing agencies
- Academic equivalence providers
- Scholarship committees

There are no charges for verifications, however courier charges may apply if a document is to be delivered overseas. The processing time is 1 - 3 working days after provision of all required documents, however it may exceed to 7 - 10 working days.

For additional information and details visit: <https://examinations.iba.edu.pk/>

## Attestation of transcript/degree

Academic Credential Attestation is a form of verification which is provided on the back of the original document or on the front of a photocopy. Attested photocopies may be sealed in an envelope and dispatched to a given address upon request and payment of courier charges. Courier charges of 50 USD are applicable if the attested documents are to be delivered overseas. There is no fee for attestation and the processing time is 1 - 3 working days after provision of all required documents, however it may exceed to 7 - 10 working days.

For additional information and details visit: <https://examinations.iba.edu.pk/>



# Graduation

IBA offers four-year undergraduate programs and although most students finish their degrees in four years, some do not. Some students take time off from their academic pursuits before restarting their studies after a break. Others drop out altogether, although this is generally a very small number. On the other hand, graduate students have more flexibility in the time allowed to finish their studies, since many of them study on a part-time basis.

The table below shows the number of students who graduated in the 2020 convocation by academic program.

**Number of graduates by program**

Programs	Graduates
Bachelor of Business Administration (BBA)	203
BS Accounting and Finance	191
BS Computer Science	75
BS Economics	16
BS Economics & Mathematics	40
BS Social Sciences and Liberal Arts	42
MBA Evening	34
MBA Executive	41
MBA Morning	89
MS Economics	10
MS Computer Science	0
MS Mathematics	4
PhD Computer Science	1
<b>Total</b>	<b>746</b>

# Fee structure

Undergraduate Programs		Full-time MS Programs			
Particulars	BBA & BS Programs Amount in PKR	Particulars	MS (Computer Science, Management, Development Science, Maths & Economics)	MS Data Science	MS (Finance & Journalism)
Tuition fee	281,100	Tuition fee	148,400	111,300	185,500
Student activity charges	4,950	Student activity charges	4,950	4,950	4,950
Total recurring charges	286,050	Total recurring charges	153,350	116,250	190,450
"Additional Course Fee Rs. 46,850/-"		"Additional Course Fee Rs. 37,100/-"			

Part-time MS Programs		MBA Programs			
Particulars	Amount in PKR	Particulars	Morning	Evening	Executive
Tuition fee per course	46,850	Tuition fee	308,400	102,800	154,200
		Student activity charges	4,950	-	-
		Total recurring charges	313,350	102,800	154,200
		"Additional Course Fee Rs. 51,400/-"			

One-time charges		Hostel fee (per semester)	
Particulars	Amount in PKR	Room type	Amount in PKR
Admission charges (all students)	50,000	Single occupancy - without AC	72,500
Remedial courses fee*	35,000	Double occupancy - without AC	70,000
*Remedial courses fee will be applicable on MBA Morning/Evening candidates only.		Triple occupancy - without AC	66,000
		More than 3 occupancies - without AC	66,000
		AC room - Single occupancy	80,000
		AC room - Double occupancy	77,500
		AC room - Triple occupancy	75,000
		AC room - More than 3 occupancies	75,000

Transport fee (per semester)	
Particulars	Amount in PKR
Charges	30,000

Note: Utility charges for an AC room will be applied separately on actual basis.

## Notes

- \* The charges mentioned above are for one semester only except for one-time charges.
- \* All regular students enrolled in 4 to 5 courses shall be liable to pay fixed fee for the semester.
- \* 5% advance tax will be charged to students having annual fee above Rs. 200,000/- according to Section 236I of Income Tax ordinance 2001 (Non-filers Only).

# Financial assistance program

**PKR 1.2 Billion**

granted to around 4,000 students between 2016 -2021

The IBA invites talented and meritorious students from any social background, across Pakistan to enroll and study at the Institute. At the IBA, we believe that financial limitations should not be a hindrance in accessing quality education.

## Financial Assistance Packages

The Financial Assistance Packages include the following:

### a. Instalment plan

- In principle, tuition fee for each semester will be payable at the start of each semester. The students who are unable to pay the full fee, can avail the instalment method of payment through a request to the Director Financial Assistance.
- The students can apply for paying the fee in three instalments. These instalments must be paid within the same semester period.
- Fee instalment will be allowed after need assessment (subject to approval).

### Deferment of Fees

- In case a student does not pay his/her total fee within a particular semester then the Finance department shall send an intimation to the student to pay the outstanding dues.
- Director Financial Assistance may call the student and their parents (if necessary) to evaluate the financial situation and reach an amicable solution for the fee recovery. The student may also be directed to avail other options in the 'Financial Assistance Packages'.
- If no other options are available and the circumstances necessitate, the Director Financial Assistance may defer the fee payment to a certain date.
- If a student is unable to pay fee in full then as a first step, student would have to submit an affidavit at Rs.100 stamp paper of settlement by the defer date.
- The fee balance should be cleared within the same semester period, before the commencement of the final exam. If the student fails to clear his outstanding fee, the Finance department may stop him/her from appearing in final examination for that semester.

### b. Need-based Financial Assistance

**25%**

students received financial assistance in the academic year 2020-2021

- All students/applicants seeking financial assistance shall be assessed on need basis only,

### 1) How to apply?

Eligible students seeking financial assistance need to apply within the stipulated application period. Online application form will be made available to the students.

### 2) Selection Process

The Financial Assistance (FA) committee, comprising of senior faculty and staff members scrutinizes the applications and supporting documents of the financial assistance applicants.

The Committee then ascertains the need level of the applicants against the laid down criteria. It assesses the level of assistance that can be made available to the applicants based on the available funds.

Once the application is approved, IBA provides 'bridge financing' to the applicants till they are successfully parked with external donors.

It is mandatory on all financial assistance awardees to apply for externally funded scholarships proposed by the IBA Financial Assistance office. Failure to do this will result in discontinuation of financing by IBA.

### 3) Eligibility

Only full-time students enrolled in morning programs are eligible to apply for financial assistance. They can apply for financial assistance to cover their tuition fee for Fall, Spring and Summer semesters. They can also apply for financial assistance on course basis. However, no financial assistance will be provided for repetition of courses for grade improvement or otherwise. Financial Assistance will also not be provided for courses that the student has previously withdrawn from.

### 4) Terms & conditions

The following terms and conditions are applicable on students applying for the financial assistance program:

- The IBA reserves the right to verify all information provided by the candidates. The FA committee may also conduct personal visits during the verification process.
- The applicants may be required to appear for an interview if the FA committee deems necessary.

**Around 700**

students received Rs. 114.4 Million as stipends from on-campus internships in the past 5 years

- The IBA will provide 'bridge financing' till the applicants are successfully connected with an external donor (government or private).

- The applicants are required to keep applying for the externally funded scholarship (which is arranged by the IBA) till they are successfully parked with a donor. In case the applicant fails to apply for externally funded scholarship, the FA Committee will discontinue 'bridge financing' for that student.

- In case of providing false information:

a) The financial assistance award will be revoked and the applicant will also be disqualified from applying for any loan / financial assistance in future.

b) The student will have to refund all financial assistance payments received to date and / or bear the penalty equal to total financial assistance amount on an immediate basis.

### c. Study loans

- The IBA also facilitates its students in securing interest free loans (Qarz e Hasna) to pay their tuition fee during their study period. The students may contact the Financial Assistance office to explore such avenues.

### d. Work-study Appointment Scheme

- The scheme enables deserving students to supplement their finances through part-time and on-campus employment opportunities. Each semester, the HR department promulgates the positions available for students to take up part-time jobs / internships.

- The three different programs available for the IBA students seeking to gain work to meet their financial obligations include:

- Paid Internship (around the year opportunities)
- Part-time student employees
- Teaching assistants / Research assistants

Details of these work programs are available as SOPs listed under 'Rules for Student recruitment – internship, part-time employment and teaching/ research assistants' and are available with the Career Development Centre (CDC) and can be viewed here: <https://cdc.iba.edu.pk/internships.php>

### Contact Us

Email: [financial-aid@iba.edu.pk](mailto:financial-aid@iba.edu.pk)

# Life at IBA

## Facilities and infrastructure

### Main Campus:

The IBA Main Campus is spread over 50 acres of land for educational facilities, residential complex, and Boys and Girls hostels. It is located within the premises of the University of Karachi and comprises of around 40 classrooms, 8 seminar rooms, 5 computer labs, and 14 breakout rooms. These are located in the three academic buildings: Adamjee Academic Center, Abdul Razzak Tabba Building, and AMAN Center for Entrepreneurial Development. All instructional spaces are fully equipped with the latest audio-visual and video conferencing facilities to boost the overall learning experience.

### Other facilities at the Main Campus include:

- Gani & Tayab Auditorium (seating capacity of 300)
- Mian Abdullah Library
- Alumni Students' Center
- Khawar Butt Gymnasium for males and females
- Pepsi Cafeterias
- TPL Event Hall
- UBL Sports Complex
- Amphitheater (seating capacity of 450)
- Kiosks (Bigbash, Nawab Dynasty, GP Nice Food)
- Coffee Shop inside the Mian Abdullah Library



### City Campus:

The IBA City Campus is situated at Kayani Shaheed Road, Garden Road, and spreads over 3.5 acres. It consists of:

- Aman Tower
- Towfiq H. Chinoy Administration Building
- Faysal Bank Academic Block
- Habib Bank Academic Building
- Library at AMAN Tower
- JS Auditorium (seating capacity of 400)
- Gymnasium for males and females (situated in HBL Academic Block)
- Pepsi cafeterias
- KIOSK(s) (Raptor Global & The Crepery)

Existing facilities include 28 classrooms and 8 computer/ICT laboratories. The campus houses the Centers for Excellence in Executive Education (CEE), Journalism (CEJ), Information and Communication Technology (CICT), Islamic Finance (CEIF) and Office of Research Innovation and Commercialization (ORIC) at AMAN Tower. Moreover, the HBL Building houses the Center for Entrepreneurial Development (CED), CICT and QEC offices.



# Life at IBA

## Information and Communication Technology (ICT) infrastructure and services

The Information and Communication Technology department provides ICT services to both the campuses – Main and City – hostels and staff town, serving a total of around 4,000 users on-and-off campus including a sizeable number of alumni. The principal aim of the ICT department is to bring state-of-the-art technology at IBA, provide essential services and promote automation and meet the end user's requirements of all communication that includes internet, email, distance learning (video conferencing), unified communications (VoIP) etc.

A brief description of the ICT facilities at IBA is as follows:

- Tier III compliance data center that provides centrally managed services to users.
- Video conferencing service being utilized at its best for meetings, online workshops/seminars, distance/collaborative learning etc.
- Nine general purpose computing labs are fully functional at both campuses, with state-of-the-art PCs and peripherals, five labs have been upgraded with Core i5 and Core i7 based computers.
- A total of 1.1 Gb/s of internet connectivity for wired and wireless users at both the campuses.
- Enterprise Resource Planning (ERP) integrated computer-based system used to manage internal and external resources including tangible assets, financial resources, materials, and human resources.
- Academic alliances with major technology vendors e.g. Cisco, EMC, IBM etc. along with certified cutting-edge technologies.
- Learning Management System (LMS) providing all the learning, teaching and collaboration tools.
- Smart boards in selective classrooms to help in delivery of more interactive and understandable lectures and presentations.
- Use of PeopleSoft ERP and HRMS for supporting

faculty, finance, human resources and general administrative matter.

- Faculty presentation system which serves as a platform for the evaluation and hiring of new faculty.
- IBA Job Portal enables students to upload their CVs and apply for various jobs in National and Multinational companies.
- Student Facilitation System being used by students to submit various types of requests using online forms.
- Clinic Management System facilitates booking of an online appointment for counselling and other related matters.
- IBA Events Calendar to view events and happenings at the IBA, Karachi.
- TA/RA Management System to upload working hours of Teacher Assistants and Research Assistants for tracking record of the workload to facilitate in their payment process.
- Facility to make Online payments/donation to IBA using bank cards.
- Societies Election System for registration of societies and voting of the preferred candidates.

- TA Allocation System to apply for TA-ship and get selected through a standard selection procedure.
- Online Degree/Transcript System to make an online request to issue students their degrees and transcripts.
- IBA Mobile Application to get instant notifications and alerts about news and various events being held at the Institute.
- A complete portal to register and manage IBA Alumni along with online election module for the selection of Alumni representative on the Board of Governors.



# Life at IBA

## Academic, career and well-being counselling

The IBA provides well-being, academic and career counselling services to its students, staff and faculty. For well-being counselling, students can login to an exclusive online portal and schedule live video counselling sessions with a dedicated team of counsellors.

The academic and career counselling for students is provided by specialized staff and faculty members. Mr. Ahmad Ali, MPhil (Clinical Psychology), Institute of Clinical Psychology Karachi, has recently joined IBA as a Wellness Counselor. With over 5 years of experience, he will provide counselling services and therapy to students experiencing stress, anxiety, depression and other mental health issues.

Students are encouraged to reach out to Mr. Ali at [ahmadali@iba.edu.pk](mailto:ahmadali@iba.edu.pk)

## Health centre

Martin Dow collaborated with the IBA to provide quality healthcare facilities for its students, faculty, and staff. The clinic is accessible 6 days a week and provides the students with high quality medical facilities at the campus.

## Gymnasium

The facility of gym is available for the IBA students, staff, faculty and alumni in both Main and City campuses. These gyms are well equipped with different workout machines enabling users to select a variety of workout plans. Moreover, the gym instructor educates users about fitness and provides training to strengthen and maintain their physical health. Additionally, gym equipment for the visiting faculty residence and girls hostel has been procured for future development.

## Sports facilities

Key features of the UBL Sports Complex include:

- Cricket ground
- Football ground with a jogging track
- Tennis courts
- Basketball court
- Volleyball court

## Library

The library promotes teaching, learning and research by acquiring relevant resources and proactively offering new services that are essential to foster learning. New learning materials, such as books, case studies, electronic databases and indigenous research support materials are added to the library's collections on a regular basis.

### Library spaces

The libraries on both campuses provide a stimulating learning environment. The physical library facilities have been designed to accommodate contemporary learning styles, including collaborative learning/study spaces, individual study, multimedia learning, research nooks, laptop friendly areas and a coffee shop.

### Library services

The library strives to offer its patrons with a diverse range of innovative, academic and research support services supported by cutting-edge technologies. The library services are intended to supplement lifelong learning.

To learn more about the library services, visit <http://library.iba.edu.pk>.

### Library resources

The library subscribes to over 24 electronic databases, allowing campus-wide and remote access to a large collection of full-text multidisciplinary digital materials such as e-Journals, e-Books, case studies and industry-related research analysis reports. Over 75000 print volumes are physically housed in the library, with an average of 2500 new titles purchased each year.

## Cafeterias

The IBA cafeterias at the Main and City campuses cater to the needs of the Institute's populace with hygienic meals, snacks, and refreshments that are available at affordable rates. Primary cafeteria facilities at the Main campus can be found at the Alumni Students' Center in the form of a Pepsi dining hall with two food outlets. The cafeterias at the Adamjee Block also offer their services to the students and faculty on working days.

## ATM and Banking facilities

To cater to the banking needs of students, faculty and staff members, both the campuses are equipped with ATM machines installed by HBL. Furthermore, a few prominent bank branches are present within walking distance of both campuses.

## Transportation

The IBA facilitates the commute of students between both the campuses via a daily shuttle service offered during multiple slots throughout the day. The IBA also provides a transport service for students, who wish to avail it, coming from different areas of the city. Moreover, both campuses are easily accessible via public transport.



# Life at IBA

## On Campus Accommodation – Hostels for Boys and Girls

### Overview

The IBA Karachi provides hostel facility to its full-time, regular students from outside Karachi. Two hostels, one each for female and male students, are located within the premises of University of Karachi. Both the hostels are secure spaces, guarded 24/7 by trained security professionals and through CCTV surveillance.

The hostels are spread over on an area of 2.5 acres, surrounded by lush green lawns, trees, and gardens. Hostels' design amalgamates the needs of modern urban living with sustainability, while vast and open corridors enable a pleasant, properly ventilated living space.

The IBA hostel life is a testimony to IBA's diversity and inclusivity. Residents come from all over Pakistan, as well as from other countries and bring with them different cultural, economic, social, and religious backgrounds to share a similar bond, which is their association with the prestigious institution and with each other. The IBA hostels provide an atmosphere where students can learn and develop life-long associations while enjoying a comfortable setting.

Residents' security is a top priority for the institute and the hostels are guarded 24/7 by professional security personnel, with the entrance and exit points under constant CCTV surveillance. The IBA Girls hostel is a secure, residential complex for the institute's female students, managed by a female superintendent and a resident-warden. The hostel is located near the IBA campus with the facility of a regular shuttle service.

The residents of both the hostels are encouraged to live like one big family, offering each other a helping hand wherever required and making hostels a home away from home. The hostel management makes tremendous efforts to provide the residents a clean, hygienic and congenial environment to facilitate this brief but an integral part of their professional journey.

Discipline and compassion for fellows are two core values that the hostel management encourages and inculcates among students. The hostels foster a sense of ownership among residents, enabling them to create memories that they cherish for years. The hostel management also encourages the hostel residents to participate in numerous cultural and social activities

that are organized by the Hostel Society. Some of these include annual welcome dinner for the hostel freshman batch, Eid-Milad-un-Nabi, Basant and Diwali celebrations, cricket and football tournaments, and annual farewell dinner for the hostel graduating batch.

### Facilities

All rooms are equipped with a smart wardrobe, study table with drawer, and a single bed with a closet compartment for additional storage. Below are the details of the facilities at hostels:

1. Air-conditioned common rooms and TV lounges
2. Indoor gyms
3. Game room
4. Badminton court
5. Laundry room
6. Multi-purpose rooms for extra-curricular activities and green spaces for outdoor sports and other activities
7. Air-conditioned dining halls
8. High-speed internet facility
9. Prayer room
10. Subsidized laundry services (for men's hostel)
11. Chilled water dispensers (potable water)
12. 24 hours tuck shop/ vending machine
13. On-campus healthcare facility
14. On-campus mental wellness counsellor

### Boys hostel

Capacity: 370  
Single Rooms: 336  
Shared Rooms: 07  
Dormitories: 10

For queries, please contact:

Dr. Ashraf Khan, Superintendent  
ashrafkhan@iba.edu.pk  
Ext. 2326

Mr. Mujahid Hussain Detho, Warden  
mhussain@iba.edu.pk  
Ext. 2015

### Girls hostel

Capacity: 120  
Shared Rooms: 60

For queries, please contact:

Ms. Ghulam Fatima, Warden  
gfatima@iba.edu.pk  
Ext: 2008

Ms. Mahwish Butt, Assistant Manager (Admin) Girls hostel  
mbutt@iba.edu.pk  
Ext: 1817

Apply for accommodation:

[https://www.iba.edu.pk/forms/DPO/Hostel\\_Room\\_Allotment.pdf](https://www.iba.edu.pk/forms/DPO/Hostel_Room_Allotment.pdf)



# Talent Hunt Program



# Talent Hunt Program

## Introduction

The Talent Hunt Program (THP) was launched at the IBA, Karachi in 2004. It selects students of HSSC parts I and II, who face financial challenges and belong to the less privileged areas across Pakistan, based on their merit, talent and capabilities, in order to equip them with the means to pursue higher education from renowned universities of Pakistan, such as the IBA. THP provides these students a two-month-long orientation training on scholarships during summer vacations to prepare and groom them for the comprehensive admission process of BBA and BS degree programs. Students selected on merit are offered admissions at the IBA and are provided up to 100% scholarship on tuition fees and other living expenses for the four-year degree programs.

For further details, visit: <http://nthp.iba.edu.pk/> and <https://www.facebook.com/IBA.NTHP>

## Participation success

1,380 plus students have been facilitated so far due to the orientation training program at the IBA, of which more than 350\* have successfully qualified for the admission process. Moreover, more than 270 plus students joined and continued studying on scholarship in BBA/BS degree programs, out of which 166 students have graduated.

Those who were unsuccessful in getting into the IBA have obtained admissions in other higher education institutions, so the success rate of the orientation training program is close to 100%.

\*The orientation training of 230 students of Batch 2021 is in process which is included in the above mentioned 1,380. However, the number of students who will get enrolled in Fall 2021 will be confirmed after the admission process by August 2021.

## Outreach activities

The THP team performed rigorous outreach activities from the year 2016 to 2021 in 119 districts across Pakistan, covering 4 agencies of FATA, 21 districts of Balochistan, 20 districts of KPK, 36 districts of Punjab, 8 districts of Azad Kashmir, 8 districts of Gilgit Baltistan and 22 districts of Sindh. The team also conducted 402 career counseling, information and awareness sessions at colleges, attended by around 53,855 students, with the exclusive aim to diversify the student's ratio in the program.



**Syed Adnan Shah**

Charsadda, KPK  
BS Economics (NTHP – Batch 2019-20)

Belonging to an educationally underdeveloped area, I grew up in a society where students like me were expected to conform the orthodox societal mindset of studying either Engineering or Medicine. It was the NTHP orientation that acquainted me with a broader sense of career paths and helped me break the norms set by our society.

The NTHP orientation was an invaluable transformational journey for me. It groomed me mentally, educationally and culturally. Due to its diverse environment, I interacted with students from all over Pakistan and got an opportunity to learn from their experiences and ideas. NTHP provided me with an adaptive learning environment, where I felt at ease to not only learn about academic subjects but to also improve my communication skills.

Consequently, it paved my way to IBA. The NTHP provided me a fully funded scholarship at IBA for my studies, which was of paramount importance, as I am from a mediocre family and would not have been able to afford an institute like IBA.



## Sponsors



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PROJECT MANAGEMENT UNIT (HED)  
HIGHER EDUCATION DEPARTMENT  
GOVT OF KHYBER PAKHTUNKHWA

# Professional development programs

## Center for Business and Economic Research (CBER)

The Center for Business and Economic Research (CBER) is the research wing of the School of Economics and Social Sciences (SESS). It supports multi-disciplinary research in Social Sciences and Humanities for academic as well as private, public and non-profit sectors. Established in 2010, it is now developing as one of the leading centers in creating dialogue between policy makers and researchers. The Center's work includes macroeconomic modelling, analysis of large and complex data sets on Pakistani firms and social sector as well as consumer and business confidence surveys.

Since its inception, CBER has taken many initiatives including the establishment of a competitive research grant, inauguration of the IBA Working Paper Series, initiation of CBER Seminar Series, and collaborations with educational and government institutions. It also aims to deliver opportunities for researchers to publish their work and later present it at national and international conferences.

For more details, please visit the website: <http://cber.iba.edu.pk/>

## Centre for Excellence in Islamic Finance (CEIF)

The Centre for Excellence in Islamic Finance (CEIF) was established at IBA, City Campus with the objective of providing a platform for discovery, enhancement, and dissemination of knowledge in the field of Islamic Finance.

Carrying on IBA's legacy of thought leadership in the Islamic Finance industry, CEIF conducts executive learning programs, Practitioners' Qualification Series, discussion forums, conferences, seminars, and Distinguished Leadership Dialogues for discussions among various stakeholders including academicians, Shariah scholars, practitioners, professionals, regulators and policy makers to provide the industry with the required capable and trained human resource and take the discipline forward. CEIF regularly conducts open and closed-door forums of industry practitioners with international speakers.

CEIF has entered into collaborations with multiple global and local partners including Accounting and Auditing Organization

for Islamic Financial Institutions (AAOIFI), Islamic Research and Training Institute (IRTI), International Shariah Research Academy for Islamic Finance (ISRA), INCEIF The Global University of Islamic Finance, Malaysia, Islamic University of Maldives, International Council of Islamic Finance Educators (ICIFE), King Saud University, Securities and Exchange Commission of Pakistan (SECP), I.C.M.A., Sindh Judicial Academy, HMB Sirat, Pak-Qatar Family Takaful and General Takaful Group to cooperate in enhancing the objective of research, training and development in the field of Islamic finance. Over a span of 5 years, the center has been able to train over 2500 industry practitioners, scholars, entrepreneurs, and regulators.

CEIF's flagship conference titled World Islamic Finance Forum (WIFF) is a biennial affair. The second WIFF conference, titled Expanding the footprint of Islamic Finance: Innovation, Fintech and Regulation was held in March 2018 which showcased renowned local and international speakers from over 13 countries. In 2020 the conference did not take place due to the pandemic.

CEIF, in terms of research, has conducted various researches locally as well as globally including a book on 'Islamic Treasury Management' and a book on 'Roadmap to Achieving Shariah Compliance' for Listed Companies, Case Studies in Islamic Finance and Shari'ah Compliance and another, under process, report for Sindh Judicial Academy on 'Causes of Delay in Disposal of Cases in Banking Courts'.

The MS in Islamic Banking and Finance (MS IBF) degree program offered by IBA in collaboration with CEIF started in spring 2017 has evolved into a successful academic program. CEIF facilitates MS IBF students and faculty exchanges in collaboration with INCEIF the Global University of Islamic Finance, Malaysia.

CEIF maintains an active presence on digital platforms including Facebook, Twitter, LinkedIn, and YouTube.

For more details, please visit the website: <http://ceif.iba.edu.pk/>

## Centre of Executive Education (CEE)

The inception of the Center for Executive Education occurred in 2004 with the aim to provide opportunities to executives working at different echelons in organizations to enhance their

careers by gaining knowledge and insight into top-of-the-line management techniques and technologies. Executive education programs consist of various trainings, consultancies, and diploma programs that are organized and conducted by distinguished IBA faculty members as well as leading industry professionals. Besides open enrollment programs, the Center also offers client-specific trainings to organizations. Organizations that have benefited from the executive education program include private firms, small business corporations, multinational and transnational corporations, government departments, defense, and public sector organizations.

The programs at CEE are designed for professionals from board to C-Level, and high-potential managers to senior and junior executives from around the world. The CEE's portfolio of non-degree, executive education and management development programs provide business professionals with the means to advance their targeted career development goals and position their organizations for future growth.

CEE specializes in executive education and management development activities through the following programs:

### Directors' training program

The Directors' training program is approved by the Securities and Exchange Commission of Pakistan (SECP). This program is extensively prepared by subject matter experts and is designed to keep Board Members and Directors of listed companies abreast of leading trends and practices that promote good governance, protect competitive advantages, and prepare for regulatory change.

### Global executive education programs for top leaders

With an aim to offer global executive programs in Pakistan that have local relevance, CEE offers programs for CEOs and business unit heads in Pakistan. The faculty for these programs is drawn from some of the top business schools.

# Professional development programs

## Client-specific management and leadership development programs

CEE hosts management and leadership development programs on emerging topics for both public and private sector institutes. These include Pakistan Petroleum Limited, Century Papers and Board Mills, Martin Dow Limited, Pakistan Refinery Limited, Higher Education Commission of Pakistan, Engro Fertilizers, Unilever Pakistan, Aga Khan University Hospital, Hilton Pharmaceuticals, National Institute of Banking and Finance and the Bohra community.

## Open enrollment programs

The Center also offers open enrollment programs. These workshops bring together individuals and teams from multiple organizations in one location to learn latest business trends and applications. These workshops are announced through the training calendar on different emerging themes including:

1. Governance
2. Leadership
3. Innovation, Strategy and Change Management
4. Project Management
5. Supply Chain Management
6. Human Resource Management
7. Finance, Accounting and Law
8. Sales and Marketing
9. Healthcare Management
10. Family Business Management
11. Hospitality and Aviation Management
12. Business Communication
13. Business Excellence and Total Quality Management
14. Business Analytics
15. Energy Economics
16. Procurement (Certificate in Procurement Management approved SPPRA)

## Family Managed Businesses

Since 2012, CEE hosted more than 130 workshops in various cities of Pakistan. These workshops and seminars were conducted by Professor Parimal Merchant, Global Director Family Managed Business, S.P. Jain School of Global Management. CEE hosted programs for leading communities and associations including Bohra and Khoja community, Delhi Saudagran Youth Forum, Karachi Chamber of Commerce and Industry, Gujranwala Business Council, IBA Karachi Chapter, Lahore Chamber of Commerce and Industry, Pakistan Gems and Jewellery Development Company, Entrepreneurs Organization Pakistan, Small and Medium Enterprise Development Authority and Pakistan Association of Automotive Parts.

## Healthcare Management programs

There are statistics available to prove that healthcare status and its delivery in Pakistan is a century behind that of the industrial world. In 2015, CEE-IBA started offering programs for the healthcare sector. The vision is to bring about betterment to the situation by capacity building within the healthcare management. The Center launched a PGD program in Healthcare Management (focused on Hospital Management). The decision to launch this program was in view of the expansion of local hospitals with new ones being built and existing ones containing untrained professionals. To achieve the goal, a PGD in Healthcare is offered.

## Postgraduate Diploma (PGD) programs

In January 2015, CEE-IBA added postgraduate diploma (PGD) programs to its portfolio. Designed to develop in highly skilled practitioners an in-depth understanding of strategic, tactical, and operational issues, each PGD program is spread over a span of one year, with 12 courses, a live project and practicum. These programs will help bridge the competency gap in Pakistan and help enhance the professionalism of those involved in the industry. The customized postgraduate diploma in Business Management is offered to middle to senior-level professionals from companies of the Atlas Group.

1. Supply Chain Management
2. Human Resource Management

3. Project Management
4. Healthcare Management
5. Public Policy

## Diploma Programs

### Four-month diplomas:

1. Diploma in Family Managed Businesses
2. Diploma in Strategic Marketing

### Six-month diplomas:

1. Diploma in Taxation in collaboration with Pakistan Tax Bar Association
2. Diploma in Employment Laws and Industrial Relations in collaboration with Employers' Federation of Pakistan

## Skills development program (SDP)

<http://sdp.iba.edu.pk/>

Skills development program (previously called as Business English and Skills Development program) at CEE has been providing language and academic proficiency courses for more than two decades. The Business English program commenced in the year 1998 and has proved to be a sought-after program by professionals.

In 2013, the department along with its new name enhanced its offering and conducted several new courses. These programs are skills-based and targeted towards executives, professionals, teachers, school leaders and students working in various work spheres to enhance their analytic and technical skills set.

# Professional development programs

The objectives of SDPs are as follows:

- Build skills and competencies.
- Provide targeted development solutions for the most frequently identified areas where development is needed.
- Design and deliver readily applicable courses.
- Increase the skills level and employability of participants.
- Ease the step up from junior roles to taking charge of a unit.
- Capacity building of school leaders & teachers

## SDP open enrollment programs

- Brain Training, Decision Science and Personality Assessment through Data Analysis
- Business English
- Business Writing Skills
- Conversational English
- Customer Services
- Effective Business Intelligence for Marketing & Sales Professionals



- Emotional Balancing
- English Pronunciation Skills for Communication
- Financial Analysis and Valuation
- Financial Law for Financial Managers
- Grammar for Professionals
- Interactive English
- Interpersonal Skills
- Investment Toolkit
- Marketing of Financial Services
- Personal Management for Success
- Power Talking
- Persuasive Pitching
- Project Management for Front liners
- Research Methodology and SPSS
- Selling Skills
- Successful Business Communication
- Supervisory Skills
- Supply Chain Management as a Career Path
- The Art of Managing Inventories
- Time Management
- Transitional Managers Toolkit
- Writing and presenting in English

## Skills development of teachers

SDP offers many trainings for capacity building of teachers at all levels. Following courses are conducted:

- Early Childhood Care and Development
- Educational Counsellors Course
- Using Role Play as a Teaching Strategy
- Improving Questioning to Enhance Learning in the Classroom
- The Art of Counselling
- Active Teaching and Learning Strategies
- School Management
- Designing Meaningful Assessment for Learners
- Educational Leadership
- Designing 7 Learning Corners
- ESL Teachers Capacity Building Program
- Teachers Development Camp



# Professional development programs

## SDP client specific programs

SDPs offer both open enrollment courses as well as customized trainings. SDP has designed and conducted various tailor-made programs for organizations such as Sindh Engro Coal Mining Company, Pakistan Petroleum Limited Asia E&P, BV Iraq Branch, Aga Khan Education Services, Pakistan, Government of Sindh, Sindh Workers Welfare Board (Education Services), National Institute of Banking and Finance, Sami Pharmaceuticals, Medisure, Standard Chartered Bank, Oxford University Press Pakistan, Eli Lilly Pakistan, Roche Pakistan Limited, National Bank of Pakistan, First Habib Modaraba, 1LINK, and Pakistan State Oil to name a few.

## IBA Summer Learning Series

The IBA Summer Series aims to develop and sustain a wide range of beneficial academic and skill-based short-term programs in summers for a diverse population of students, teachers, and junior executives, to provide them with an opportunity to develop and enhance their academic, professional and personal experiences.

## IBA Dispute Resolution Forum (IBA-DRF)

The IBA Karachi launched the IBA-DRF through CEE-IBA in October 2019 to promote mediation as an appropriate means of resolving disputes, especially in the civil/commercial space. The IBA-DRF seeks to implement non-court-based practices of dispute resolution and negotiation, by working on real world disputes, improving conflict intervention methods, while providing education and training, writing, and disseminating conflict resolution techniques and practices. The forum is also providing online mediation services through its panel of mediation experts.

### Civil / commercial mediation

The IBA-DRF at CEE-IBA has partnered with ADR ODR International, based in Lincoln's Inn in London, UK to bring the standard 40-hours Civil and Commercial Mediation Online Training Program. On successful completion of the program, the

participants gain the status of 'ADR ODR International Accredited Civil/Commercial Mediator'. The course is recognized by the UK Civil Mediation Council (CMC) and certified by International Mediation Institute (IMI). It is also accredited by the Singapore International Mediation Institute (SIMI), which means that our delegates can apply to become a SIMI Level 1 mediator. The course is designed to inspire the growing number of young mediators emerging in South Asia.

## IBA Operational Excellence Forum (IBA-OEF)

The IBA Karachi launched the IBA-OEF through CEE-IBA in November 2020 with an aim to provide operational excellence services, along with the vision of honing business operations towards excelling. The major areas under this forum include Operations Management, Supply Chain Management, Quality Management, Project Management, and other operational areas under Management Sciences.

For more details, please visit the following:

Website: [www.cee.iba.edu.pk](http://www.cee.iba.edu.pk)

Facebook: @CEEIBAKarachi

Twitter: @CEEIBA

Email: [ceeinfo@iba.edu.pk](mailto:ceeinfo@iba.edu.pk)

## Centre for Excellence in Journalism (CEJ)

The Centre for Excellence in Journalism (CEJ) is an initiative for the professional development, training, and networking of journalists and media professionals.

Based at the Institute of Business Administration's (IBA) City Campus in Karachi, Pakistan, CEJ offers online and in-person training modules for journalists and media professionals from across the region. International trainers and eminent local journalists conduct hands-on, skills-based courses geared towards meeting the needs of newsrooms.

The Centre is closely linked with the Pakistani news media industry and works with an advisory board comprising some of

Pakistan's most prominent, experienced editors and media professionals. News directors and editors from newsrooms across Pakistan assign staff to each module at CEJ. Independent journalists and media professionals are also invited to participate. The CEJ actively hosts talks and panel discussions that are free and open to the journalist community.

In addition to classroom and office space, the CEJ area includes a working broadcast studio and modern multimedia lab and editing suites. The lab offers journalists a chance to learn practical skills in a real newsroom environment where they have access to the latest technologies and resources.

The CEJ started working in 2014 as a collaboration between IBA, Medill School of Journalism at Northwestern University and the ICFJ with the help of a grant from the U.S. Department of State. The Centre has also hosted trainings on Backpack/Mobile Multimedia Journalism, Business and Economic Reporting, Short TV Documentary Production, Basics of News Reporting and Writing, Humanitarian Reporting, and Education and Data Journalism among others. In 2017, CEJ also completed its first-ever online course on Multi-Media Storytelling Using a Smartphone.

So far, over 2,000 journalists and media professionals have attended CEJ programs. Participating news organizations includes Dawn newspaper and TV, Geo News, Jang newspaper, The Express Tribune, Express News, KTN, City42, Channel 24, News One, Khyber News, Frontier Post, Abb Takk, Aaj News, Vsh News, Business Recorder, and several other independent print and broadcast journalists stationed in Karachi, Lahore, Islamabad, Hyderabad, Dadu, Swat, Peshawar, Quetta, and other areas of Pakistan.

For more details, please visit the following:

Website: [www.cej.iba.edu.pk](http://www.cej.iba.edu.pk)

Facebook: CEJ at IBA

Twitter: @CEJatIBA

Email: [cej@iba.edu.pk](mailto:cej@iba.edu.pk)

# Professional development programs

## Center for Information and Communication Technology (CICT)

The IBA's Center for Information and Communication Technology (CICT) has been established in 2016 whose primary focus remains on innovations that enhances the academic experience of students and facilitate faculty and staff. It also aims to advance technical knowledge of the students while educating them in other relevant areas so they can serve the nation in the best possible way. For this purpose, a variety of programs have been carried out by CICT.

### Diploma Programs of CICT

While designing the diploma programs, CICT considered the education and training requirements of the working-class and formed the courses as per the needs and wants of the industry. These programs aim to showcase the individual's competency, commitment for the profession, and builds expertise in their professional field. For this purpose, following diploma courses are being offered:

### Big Data Analytics

This four-month diploma empowers students with the skillset to tackle data-driven problems and accelerate data-analysis transformation in the organization. Through lectures, case studies and discussions, real-world insights are shared on various applications of big data analytics and machine learning and its implication.

### Digital Marketing

The Digital Marketing diploma aims to provide training to a wide range of professionals. It gives its students the exposure to Social Media Marketing, Mobile Marketing, Pay-Per-Click Marketing, Email Marketing, and Search Engine Optimization.

### Enterprise Resource Planning

The aim of this diploma is to gain understanding of various Enterprise Systems modules and how they are applied in business. It consists of the evolution, components, and

architecture of Enterprise Systems.

### Capacity Building of Government Entities

One of the fundamental objectives of CICT is to work with public sector entities in order to improve services for the general public. Therefore, CICT has been involved in innovative projects with the Government of Sindh. CICT is also engaged in training the employees of Sindh Secretariat through various courses so that they could play their role in resolving Pakistan's most daunting issues. CICT has been providing training to the following departments:

1. Information Science and Technology Department of Sindh
2. Finance Department of Sindh

### Capacity Building of Corporate Entities

A number of well-known private sector companies have also been engaged with CICT for the training of their employees. Hence, CICT is creating an impact in both public as well as in private sector entities.

### Skills Development Programs

IBA-CICT has been running government sponsored Youth Skills Development Programs. The objective of these programs is not only to develop the potential of youth to avail money-making opportunities, but also create a number of jobs. These programs are as follows:

1. Benazir Bhutto Shaheed Youth Development Program [BBSYDP] is one such program that focuses on developing human resource in Sindh by empowering youth (aged between 18-35 years) with employable skill sets. It was initiated in 2008-09 by the Government of Sindh.
2. Prime Minister's Youth Skills Development Program (PMYSDP) is another project aimed at training the youth. IBA-CICT introduced high-tech courses which are currently offered throughout Pakistan and add a positive socio-economic impact on the country. Overall, 350 students were trained in the 1st batch. While 350 more students are being trained in the current and 2nd batch of the program.

3. GIZ Youth Skills Development Project is another skills development program under which IBA-CICT is training 500 youth from Sindh. The first batch of this program comprising 250 concluded in July 2021. The project focuses on inculcating a skillset in youth that will enable them to start earning through jobs or freelancing.

### Sindh Research Incubation Center (SRIC)

Besides imparting training in the ICT domain, incubation space to the youth of Sindh, and proper mentorship, will continually be provided at the City Campus. The aim is to promote the culture of entrepreneurship in Pakistan. The incubates with an incubation process of 12 months are offered a co-working space at IBA, utilities, seed capital and access to investors.



# Professional development programs

## Ardeshir Cowasjee Writing Centre (ACCW)

Writing centres in academic settings help the students engage in metacognition, i.e. to think about the act of thinking itself. By doing so, the writer is cognizant of their writing process. Writing centres manifest the realization that writing is a discursive process and a grammar fix approach could be detrimental to the growth of writers. Individualized consultancy sessions allow consultants to make writers self-conscious of their own blind spots.

Ardeshir Cowasjee Centre for Writing provides one-on-one consultancy to students on their writing projects. Consultants help students in their writing projects and review drafts of works ranging from short essays to PhD dissertations and other scholarly works.

The consultation process is a fluid discussion on students' writings. The focus of each session can range from basic structural issues to complex stylistics concerns.

The centre also has a feedback mechanism. This allows Writing Centre consultants to record their observations on an online feedback form, keeping a track of each session's progress for further consultancy.

ACCW also schedules book clubs and writing workshops for students, faculty and staff members at the IBA.

### Services Offered

#### Students

- One-on-one consultation on writing projects
- Workshops on dissertation writing

#### Staff

- Customized Workshop after Need analysis
- One-on-one consultation on their professional writings

#### Faculty & Research Centres

- Consultation on Academic Papers

The Centre's working hours are 10:00 AM. – 6:00 PM, Monday to Saturday.

## Center for Entrepreneurial Development (CED)

The IBA AMAN-Center for Entrepreneurial Development (CED) promotes entrepreneurship through training and incubation activities. On the training side, it offers popular short-term certificate courses in entrepreneurship including some that are customized to the needs of specific audiences, such as women or specific sectors like agriculture and technology.

On the business nurturing side, CED hosts around 65 companies in its incubation facilities, where it provides opportunities for business growth and networking with potential investors and advanced training. CED programs are not limited to IBA students but are also available to the larger community of potential entrepreneurs. The target population includes family businesses, the self-employed, students and as well as aspiring entrepreneurs. Anyone with a passion for entrepreneurship is welcome to approach the center for training. The CED programs have engaged an estimate of more than 10,000 people in the past 10 years.

The CED programs have won international recognition as well. The center's Women Entrepreneurship and Empowerment program won a prize at a conference hosted by the USASBE in 2017 and E+ model of CED has won the best pedagogy award of USASBE 2021. CED's International Entrepreneurship Summer School has been running for five years now and has attracted students from several countries including Brazil, Mexico, US, Canada, UK, Germany, Holland, Ukraine, Poland, UAE, Indonesia, Philippine, Singapore, Thailand, China, Somalia, Tunis and Sri Lanka. Our faculty has also conducted training programs in UAE, Oman, Germany and Sri Lanka.



# Student services

## Career Development Centre (CDC)

The Career Development Center (CDC) at the IBA is dedicated to facilitating students, graduating classes and alumni in the overall process of self-evaluation, creating awareness about career opportunities, assisting in career development and job search, increasing the employability of IBA's graduating students, developing strong and tangible linkages between employers and the IBA graduates, and supporting the IBA alumni in their career progression. Its focus lies in building long-term relationships with corporate, social and public sector organizations within Pakistan and also with international employers.

## In-house career advisory

We provide in-house career advisory service to students to help them make informed decisions and plan out their careers as early as possible. Students can approach us for career guidance and related advice. All requests are dealt on a first come, first serve basis and based on the availability of the CDC's resource person.

## IBA Job Portal

The IBA Job Portal is the most effective tool to connect students and alumni with employers. It serves as an online repository for the graduate directory and helps students and alumni to create their profiles and jobs/internships, while employers post vacancies and view and save profiles for hiring purposes. More than 800 employers have come on board within a short span of time.

For more details, please visit: <https://jobportal.iba.edu.pk/>

## Corporate Connect Series

Corporate Connect Series is a segment in which the CDC hosts guest speaker sessions on different career and academic themes with an aim to connect students with the corporate sector. The themes are identified through requests which the CDC receives from the faculty.

## Career excursions

CDC organizes informational career trips to help students meet employers and the IBA alumni working in many organizations across Pakistan. These career exploratory trips let the visitors learn about the culture and diversity at the visiting company and explore internships and job opportunities.

## Workshops and information sessions

Throughout the year, the CDC hosts a variety of career-specific workshops, seminars, webinars, panel discussions and talk shows for students. These programs help students research about a variety of career options and helps choose a career path that is compatible with their academic discipline, skills, interests, values, and personality.

## Social media presence

Connect with us on the following networks:

Facebook: <https://www.facebook.com/ibacdc.khi>

LinkedIn: <https://www.linkedin.com/in/ibacdcKarachi/>

Twitter: <https://twitter.com/IBACDC>

Instagram: @ibacdc

## Responsible Citizen Initiative (RCI)/Social Internships

Responsible citizen initiative commonly known as social internships is a 6 weeks' mandatory social internship required for all students enrolled in their undergraduate programs. Students need to work in a social sector organization, NGO, community-based organization, or any charitable institute in Pakistan ideally during their summers or during the course of their study

## Corporate Internships

Corporate Internship is a mandatory requirement for students of all undergraduate programs and MBA program (only for students with a non-BBA background) at the IBA. These internships are required to be carried out right after the junior year for undergraduate students, and after the completion of first year by the MBA students.

## Career fair

A number of employers participate in an exclusive event held every year in spring where they meet and talk to graduating students. This event brings major IBA recruiters under one roof and has a proven track record of facilitating students and alumni in joining hands with the employers of their choice.

## Recruitment drives

CDC also hosts multiple on-campus and online recruitment activities throughout the year where different employers visit the IBA to conduct orientation sessions, interviews, online

and written assessments along with other miscellaneous interventions.

Generally, recruitment activities are scheduled from January to May every year which compositely target the batches of December and June.

## Personal Effectiveness (PE)

The objective of the Personal Effectiveness program is to ensure that students, are empowered with the necessary soft skills that are in demand. In this course, the students acquire skills for improving confidence, team building and effective communication, which results in growth, change, and increased effectiveness in their professional lives. As a result of PE workshops, students are equipped to be more effective in the job application process, as well as be more realistic about future corporate and entrepreneurial undertakings and network.

PE is offered to BBA and ACF programs in the Fall semester and MBA, SSLA, EM and CS programs in the Spring semester each year.

## Experiential Learning Projects (ELP)

ELP is a mandatory 4-month program which involves final semester BBA and BS Accounting and Finance students working in the form of groups to conduct primary and field research, analyze the issue that warrants investigation and propose effective solutions for partner organizations. All projects considered under this program are credited and graded; equivalent to 2 courses (6 credit hours).

For more details, please visit: <https://elp.iba.edu.pk/>



# Student services

## Mentoring Matters

The IBA, Karachi is blessed to have a strong alumni network of more than 13,000; who are always available to support their alma mater. Mentoring Matters is a comprehensive coaching program that offers students an opportunity to link with the prominent IBA alumni and industry experts for helping them out in their personal and professional development.

## Career Counselling Clinics

Career Counselling Clinics are one-to-one sessions with experienced corporate personnel aiming to facilitate the students in their career exploration and development. The personalized sessions guide students to explore possible career options, discuss their aspirations, and receive advice on basics of job hunt such as creating resumes, tips on acing interviews etc.

## Mock interviews

Mock interviews, a segment of Career Counselling Clinics, are individualized conversational exercises resembling a real-time interview. The basic objective is to prepare the students to better deal with the job interview anxiety under the mentorship of industry experts.

## Graduate profiling

The CDC publishes graduate directories for employers every year on the IBA Job Portal. The graduates keep updating their profiles on a regular basis. These graduate directories serve as depository of information for recruitment of potential employees for our partner organizations.



## International Resource Center (IRC)

The External Linkages & International Resource Center facilitates students who seek to pursue their further education abroad. The IRC team coordinates and collaborates with the top international universities and assists students who are looking for financial assistance and scholarships. Every year, hundreds of scholarships are announced for the student body. For further details: <https://irc.iba.edu.pk/>

Students Facilitation System (IRC Domains):

### Credits transfer

- The IRC assists the applicants attending semester exchange programs at national and international universities in a seamless course transfer process.

### Welfare funding facilitation

- IRC team verifies the authenticity of the applicant in need of financial assistance and provides assistance to the deserving students, whether they are studying at IBA or pursuing education abroad.

### English Proficiency Letters (EPL)

- EPLs are a mandatory requirement for most of the international university applications. IRC provides EPLs to the students after verifying the program and the international institution.

### Exchange programs

- IRC facilitates students who intend to apply for a semester exchange program with IBA partner universities, both national and international.

### Visa letters

- IRC issues the letter once the request meets all the basic requirements for the visa letter application including, program details, itinerary, and authenticity.



# Top Five Employers for the year 2020

## Bachelor of Business Administration (BBA)

National Foods Limited  
GlaxoSmithKline  
Habib Metropolitan Bank Limited  
Meezan Bank Limited  
Bagallery Private Limited

## Bachelor of Science (BS) Accounting and Finance

A.F. Ferguson & Co. (PwC network)  
Bank Alfalah Limited  
K-Electric  
Habib Bank Limited  
Meezan Bank Limited  
US Mobile

## Bachelor of Science (BS) Computer Science

Afiniti Software Solutions Private Limited  
Systems Limited  
Astera Software  
Airlift Technologies  
Cloud Junction

## Bachelor of Science (BS) Social Sciences and Liberal Arts

Afrin Prestige Hotel  
AZRAQ  
Backspace Pakistan  
Beaconhouse College  
Events360

## Bachelor of Science (BS) Economics

Bank Alfalah Limited  
Brandfuel Private Limited  
Careem  
Merin Private Limited  
US Mobile

## Bachelor of Science (BS) Economics and Mathematics

1LINK (Pvt.) Limited  
AutoCanvas  
Bank Alfalah Limited  
BuzzTech Pakistan  
Badri Management Consultancy

## Master of Business Administration (MBA)

Imtiaz Super Market  
Daraz  
GlaxoSmithKline  
ICI Pakistan Limited  
ENI Pakistan

## Master of Science (MS) Computer Science

360Training.com  
Aga Khan University Hospital  
Agilosoft  
Artistic Garment Industries  
BenchMatrix Pvt Ltd

## Average salary range for the year 2020

Program	Average Salary	Minimum Salary	Maximum Salary
Bachelor of Business Administration (BBA)	63000	25000	166000
Bachelor of Science (BS) Accounting and Finance	66000	25000	253500
Bachelor of Science (BS) Computer Science	72000	25000	200000
Bachelor of Science (BS) Economics	59000	50000	90000
Bachelor of Science (BS) Economics and Mathematics	58000	35000	85000
Bachelor of Science (BS) Social Sciences and Liberal Arts	49500	15000	70000
Master of Business Administration (MBA) -Morning	75000	30000	200000
Master of Science (MS) Computer Science	101000	35000	270000
Master of Science (MS) Islamic Banking and Finance	212500	75000	350000
Master of Science (MS) Journalism	110000	100000	120000

	Average Salary (PKR)	Minimum	Maximum
Undergraduate Programs	65000	25000	25500
Graduate Programs	85000	30000	350000

## Student council and societies

Providing students with opportunities to participate in a variety of intellectual, academic, recreational and physical activities is a core aim of IBA. Engagement in extra and co-curricular activities and events forms a major part of the experience of students during their time at IBA. Students are encouraged to participate in different events and activities that take place throughout the year. These events simulate the management challenges of real life and play an important role in polishing the social, managerial and marketing skills of students enabling them to represent and promote IBA at national and international events.

IBA encourages student participation in diverse co- and extra-curricular activities and the 29 active student societies/clubs at IBA are reminiscent of this. The IBA-wide student council (ISC) acts as a representative of the student body. The ISC comprises of a Vice President, General Secretary, Treasurer and Campus Coordinators who are elected via formal elections. ISC members fulfil the responsibilities of preparing the annual budget for all the activities to be undertaken, organize all social functions, guide and supervise the activities of other student societies, ensure adherence to the IBA code of conduct and get the expenses audited. Many effervescent events were planned by all the societies this year, but the ongoing covid-19 pandemic restrictions did not allow them to be carried out effectively. A few of the successfully conducted events and sessions are summarized below.



## Co-curricular activities

S.No.	Patron	Society/Club	Events conducted in 2020-21
1	Ms. Shehreena Amin	IBA Students' Council	<ul style="list-style-type: none"> <li>Town Hall Meeting</li> <li>Societies Oath Taking Ceremony</li> <li>Virtual Town Hall Meeting</li> <li>ISC Grad Week</li> </ul>
2	Ms. Annie Ahmed	Accounting Club	<ul style="list-style-type: none"> <li>ICAP in IBA</li> <li>ACCA in IBA (hybrid)</li> </ul>
3	Dr. Imran Rauf	Computer Science Society	<ul style="list-style-type: none"> <li>The Art of Trading – Guest Speaker Session</li> <li>Python from BITS (virtual)</li> </ul>
4	Mr. Hassaan Khalid	Consulting Society	<ul style="list-style-type: none"> <li>Launch of IBA Consulting Society</li> <li>Recruitment drive by Acasus in IBA Karachi</li> </ul>
5	Mr. Hassaan Khalid	Data Sciences Club	<ul style="list-style-type: none"> <li>Virtual Launch of IBA Data Science Society</li> </ul>
6	Dr. Shahid Qureshi	Entrepreneurship Society	<ul style="list-style-type: none"> <li>IGNITE</li> </ul>
7	Ms. Tahira Marium Jaffery and Dr. Sana Tauseef	Finance Club	<ul style="list-style-type: none"> <li>IBAX – Virtual Launch of Finance Club</li> </ul>
8	Dr. Nasir Afghan	Marketing Club	<ul style="list-style-type: none"> <li>IMPACT – Webinar Series (Men's Grooming products &amp; their Emerging Markets)</li> </ul>
9	Dr. Kamran Mumtaz	Leadership Club	<ul style="list-style-type: none"> <li>IBA Leadership Club Activation Day</li> <li>ILC Hub - Online Sessions</li> </ul>
10	Dr. Irum Saba	Islamic Finance Society	<ul style="list-style-type: none"> <li>Cryptocurrency and Fintech Guest Speaker Session</li> <li>Soap Soccer Event</li> <li>Islamic Finance Conference</li> </ul>
11	Dr. Muhammad Sheraz	Mathematics and Astronomy Club	<ul style="list-style-type: none"> <li>Philosophy of Mathematics- Online Session</li> </ul>
12	Dr. Shehram Mokhtar	Social Sciences Club	<ul style="list-style-type: none"> <li>Farewell to Ex-Chairperson SSLA</li> <li>Swipe Screening and Discussion with Arafat Mazhar</li> <li>Chaikhana with Social Sciences Freshman</li> <li>Book Launch with Usman Bukhari</li> </ul>

# Co-curricular activities

S.No.	Patron	Society/Club	Events conducted in 2019-20
13	Mr. Rafay Sohail	Adventure Club	<ul style="list-style-type: none"> <li>Moola Chotok by Adventure Club</li> </ul>
14	Mr. Sajjad Ahmad	Arts and Photography Society	<ul style="list-style-type: none"> <li>Batch Photo – 2024</li> </ul>
15	Dr. Danish Ali	Sports Society	<ul style="list-style-type: none"> <li>IBA Tape Ball tournament.</li> <li>IBA Futsal tournament.</li> <li>IBA BasketBall Halfcourt tournament</li> <li>Archery.</li> <li>IBA table tennis tournament</li> <li>IBA Badminton Tournament.</li> </ul>
16	Dr. Junaid Alam Khan	Dramatics Society	<ul style="list-style-type: none"> <li>Groove - Dramatics Launch</li> </ul>
17	Dr. Abbas Ali Gillani	Music Society	<ul style="list-style-type: none"> <li>Raqs-e-Moseeqi</li> </ul>
18	Ms. Nadia Sayeed	Public Speaking Society	<ul style="list-style-type: none"> <li>IBA Union - 3rd Edition</li> <li>1st National Declamation, IBA Karachi</li> </ul>
19	Ms. Kanza Sohail	Alumni and Placement Society	<ul style="list-style-type: none"> <li>IBA Virtual Career Fair 2021</li> </ul>
20	Ms. Nudrat Kamal	Animal Welfare Society	<ul style="list-style-type: none"> <li>Spaying Campaign</li> <li>Stray Rescue Program</li> <li>Conscious Consumerism (virtual session)</li> <li>Character Building Series</li> <li>Attaining Purification Workshop for Women</li> </ul>
21	Dr. Ashraf Khan	Boys Hostel Society	<ul style="list-style-type: none"> <li>Sports Week</li> <li>Wall of Kindness</li> </ul>
22	Mr. Muhammad Sohaib Saleem	Community Welfare Society	<ul style="list-style-type: none"> <li>Ramadan Ration Drive</li> <li>Eidi Distribution</li> <li>Blood Donation Cases (virtual)</li> <li>Covid-19 Vaccinee Awareness (virtual)</li> <li>Zara Sochiye (virtual)</li> </ul>

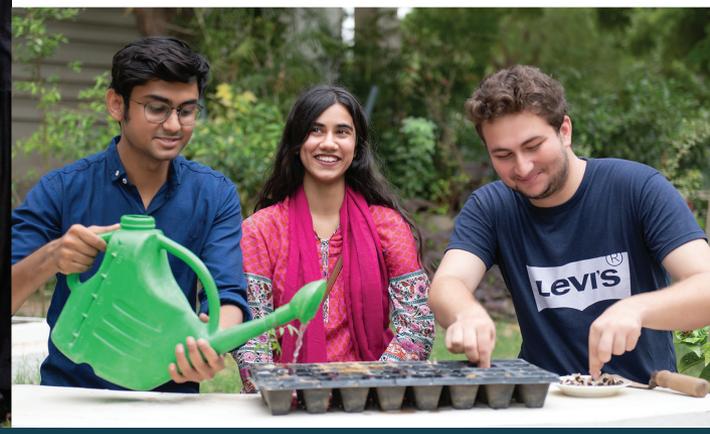
S.No.	Patron	Society/Club	Events conducted in 2019-20
23	Dr. Sharjeel Hasnie	Go Green Society	<ul style="list-style-type: none"> <li>Go Green Society Launch (plantation drive)</li> <li>Water Life (self-gardening awareness)</li> </ul>
24	Dr. Imran Khan	Iqra Society	<ul style="list-style-type: none"> <li>Archery Training Camp at IBA</li> <li>Tijarah Bootcamp</li> <li>Lessons, Gems, &amp; Wisdom from Surah Yousuf (Hybrid)</li> <li>Spiritual Connect Series (hybrid)</li> <li>Istaqbal-e-Ramadan (virtual)</li> <li>Legal Dimensions of Ramadan (virtual)</li> <li>Beautify Your Salah (virtual)</li> <li>Iftar Drive</li> <li>Reclaim Your Heart This Summer (virtual)</li> </ul>



# Activities studio



# Activities studio



# Highlights of the year 2020-21

## Framework for Internal Quality Assurance of HEIs

**June 24, 2021:** In the absence of a uniformed system, different programs within HEIs follow different QA practices, resulting in inconsistencies in QA practices across HEIs. Understanding this need, the Quality Enhancement Cell (QEC) at IBA conducted a session on the 'Framework for Internal Quality Assurance of HEIs' facilitated by Dr. Muhammad Abdul Wahid Usmani, Director QEC at Jinnah Sindh Medical University (JSMU). More than 60 representatives from HEIs joined virtually.



## IBA CEO Forum: A Dialogue on 'After COVID: What have we learnt?'

**June 23, 2021:** The IBA Karachi organized a dialogue on 'After COVID: What have we learnt?'. The discussion was conducted under the dialogue series 'CEO Forum'. The dialogue was moderated by Dr. S Akbar Zaidi, Executive Director (ED), IBA Karachi, who was in conversation with business and media professionals, including Mr. Khalid Mahmood, CEO, Getz Pharma; Mr. Dinshaw B. Avari, Executive Director, Avari Towers Limited; Mr. Azhar Abbas, Managing Director, Geo News; Ms. Huma Adnan, Creative Director, Craft Stories and Fnk Asia; and Mr. Kashan Hasan, CEO, Reckitt Benckiser Pakistan Limited. The speakers actively communicated the challenges they faced in the pandemic and the silver linings that came with it.



## IBA Karachi holds a discussion on the Federal Budget 2021-22

**June 18, 2021:** The IBA Karachi held a discourse on State of the Economy and the Federal Budget 2021-22 by the ED, Dr. S Akbar Zaidi, and Dr. Ishrat Husain, Advisor to the Prime Minister on Institutional Reforms and Austerity and Professor Emeritus IBA. In the session, Dr. Zaidi, elaborated on the findings presented in a report, titled 'State of the Economy and the Federal Budget 2021-22'. The report is compiled by the Faculty of the Economics Department at the School of Economics and Social Sciences (SESS), IBA.



## Covid-19 vaccination drive at the IBA Karachi

**June 14, 2021:** The IBA Karachi in collaboration with the Health Department, Government of Sindh commenced a Covid-19 vaccination drive at the Main Campus for the students, faculty, staff and their family members.



## Orientation of NTHP Batch 2021

**June 2, 2021:** NTHP office organized an online orientation ceremony of 230 students (156 Male and 74 Female) belonging to 88 different districts across Pakistan. The students had an interactive session with Director Talent Hunt Program, Faculty Members, and Mentors, who guided them about the admission process and upcoming training sessions and addressed students' queries.



## The Insight Forum

**June 2020-August 2021:** A new segment 'The Insight Forum' engaged professionals to facilitate our graduating students and mid-career alumni in honing their professional and soft skills. The segment included live webinars, talk shows, personal & professional grooming sessions, Q&A sessions, and leadership lessons. IBA faculty members, Ms. Nadiya Sayeed, and Mr. Leon Menezes along with HR Consultant, Ms. Rahila Narejo; Senior Manager HR, Shan Foods Private Limited, Mr. Talha Sufi; Country HR Director, Schneider Electric, Ms. Ayesha Saleem, along with other prominent experts facilitated the sessions.

## Pharmaceutical company AGP Limited to financially support deserving IBA students

**May 31, 2021:** The IBA Karachi and the pharmaceutical manufacturer AGP Limited have joined hands to advance the Institute's financial assistance program for its deserving students, by setting up an annual scholarship fund worth PKR 4 million at the IBA, with PKR 1 million disbursed each year.

# Highlights of the year 2020-21

## The 'Siraj Kassam Teli Endowment Fund' set up at the IBA Karachi

**May 19, 2021:** The Siraj Kassam Teli Endowment Fund aims to support the meritorious yet underprivileged students at the IBA Karachi. Mr. Nusair Teli, Director, Pak Beverages Ltd. handed over a cheque worth PKR 8 million to the ED, Dr. S Akbar Zaidi. The fund will aid the recipients in pursuing their undergraduate degree at the IBA



## Self-Institutional Performance Evaluation

**April 7 - 9, 2021:** QEC at IBA conducted its annual Self-Institutional Performance Evaluation (Self-IPE). The IPE panel consisted of three members: Dr. Sayeed Ghani, Associate Professor, Computer Science department, IBA; Dr. Lalarukh Ejaz, Assistant Professor, Economics department, IBA and Dr. Abdul Wahid Usmani, Director QEC, Jinnah Sindh Medical University (JSMU). The Self-IPE panel met the higher IBA management including the ED, Dr. S. Akbar Zaidi; Dean of School of Business Studies, Dr. Wajid Husain Rizvi; Dean of School of Economics and Social Sciences, Dr. Asma Hyder; Dean of School of Mathematics and Computer Science, Dr. Shakeel Khoja; Registrar, Dr. Asad Ilyas and Director QEC, Dr. Saima Husain.

## 1st International Conference on Economics and Sustainable Development held by the School of Economics and Social Sciences (SESS)

**April 2 - 4, 2021:** The 1st International Conference on Economics and Sustainable Development by the School of Economics and Social Sciences (SESS), IBA Karachi, in collaboration with the Centre for Business and Economic Research was held virtually. Issues pertaining to the Pakistan economy, its growth and stability were discussed by local and international experts. Furthermore, leading researchers and scholars contributed to the forum with their latest research and findings. The conference was chaired by the ED, Dr. S Akbar Zaidi.

## IBA-SBS becomes first business school in Pakistan to integrate EEG for consumer research

**March 29, 2021:** The School of Business Studies (SBS) becomes the first business school in the country to lead the Electroencephalogram (EEG) test. The EEG is a method of choice to glimpse into peoples' heads to evaluate attire, motivation and engagement, and cognitive load of the desired target group when confronted with a stimulus.



## IBA Karachi holds groundbreaking ceremony for solar project

**March 25, 2021:** Taking a step towards making the world a greener place to live, the IBA Karachi held the groundbreaking ceremony of the IBA Solar Project. With an aim to protect the environment and reduce carbon, the Institute launched the groundwork of the solar project, which will have an output capacity of 802 kilowatt of renewable energy.



## Pakistan Resolution Day commemorated at the IBA Library

**March 23, 2021:** To celebrate Pakistan Resolution Day, the IBA library put on a specifically curated display of literature on the ideology, movement, and actions at the time of creation of the idea of Pakistan.



## ISC and Societies Oath Ceremony

**March 19, 2021:** An oath ceremony of the members of IBA Students' Council and Student Societies was held. A brief of rules and regulations, relating to the Student Societies events was conveyed by the student's counselor, Ms. Shehreena Amin. Lastly, the ED, Dr. S.Akbar Zaidi took the oath, along with the Patrons and students.



## IBA Virtual Career Fair 2021

**March 17, 2021:** The IBA Career Development Center (CDC) in collaboration with the IBA Alumni & Placement Society hosted the first-ever virtual Career Fair in Pakistan. The fair was entirely virtual, where students and employers were connected through an interactive and highly simulative platform. A total of 53 companies participated in the event along with around 3600 attendees.



# Highlights of the year 2020-21

## ISC Town hall Meeting

**March 15, 2021:** IBA Students' Council (ISC) organized its first town hall meeting. The agenda was to give an orientation of the ISC and listen to the issues faced by the students. The ISC along with the student body proposed and discussed several points to be incorporated into a new structure for the IBA Students' Government.

## IBA CEIF conducted an online course on Islamic Finance for universities of Sindh

**March 11, 2021:** Sindh HEC in collaboration with IBA CEIF conducted a one-month online course for finance faculty of public & private sector Universities of Sindh to provide basic understanding of Islamic Banking and Finance concepts.



## IBA CED & Oxfam celebrated International Women's Day

**March 9, 2021:** IBA Center for Entrepreneurial Development (CED) in collaboration with Oxfam in Pakistan celebrated the International Women's Day. The objective of this event was to acknowledge the contribution of women in our society.



## International Women's Day (IWD) 2021 celebrated at the IBA Library

**March 8, 2021:** The IBA library celebrates International Women's Day with immense zeal. This year a curated collection of books featuring prominent woman, as well as renowned female authors was displayed to commemorate this day.

## All Pakistan HEC Inter Varsity Men's & Women's Netball Championship 2020-21

**February 22 -25, 2021:** The IBA Karachi, hosted the All Pakistan HEC Inter Varsity Men's & Women's Netball Championship 2020-21 at the PSB National Coaching Centre Gymnasium, Karachi.



## IBA-CEE inked MoU with Planning and Development Department, Govt. of Sindh

**February 4, 2021:** The MoU was signed to strengthen the linkage. Under the scope of this MoU, IBA-CEE has already delivered a training program on PC-1 Appraisal and Evaluation Techniques for the Planning Officers from different departments of Govt. of Sindh. More training programs will be delivered in the future.

## Data Journalism Award for COVID-19 Stories TEDxIBA

**February 1, 2021:** The CEJ-IBA, in collaboration with Deutsche Welle Akademie (DW), conducted the 'Data Journalism Award for COVID-19 Stories.' Alia Chughtai, Senior Producer -Interactive at Al Jazeera English, Adnan Aamir, Founder and Editor Balochistan Voices, were the judges for the awards. Niha Dagia and Abid Hussain were declared winners and Farhan Afsar was awarded the runner-up award.

## Establishment of schools at the IBA

**January 1, 2021:** The IBA Karachi adopted international best practices and established three schools: the School of Business Studies (SBS), the School of Economics and Social Sciences (SESS) and the School of Mathematics and Computer Science (SMCS). Each school has its own Dean: Dr. Wajid Hussain Rizvi (SBS), Dr. Asma Hyder (SESS), and Dr. Shakeel Khoja (SMCS). This new structure at the IBA heralds a new look for Pakistan's premier institution of higher learning and academic excellence. Each School will be self-contained and autonomous, with its own operational procedures that are closely aligned with the IBA's strategy and vision.

## Oxfam and IBA Karachi collaborate on dealing with harassment in HEI

**December 15, 2020:** The Oxfam team conducted a training session with the members of the IBA Anti-Harassment Committee, and selected IBA staff and faculty members on dealing with harassment in higher education institutes. The Institute signed an agreement with Oxfam to raise awareness on gender issues within the Institution. This project is implemented in collaboration with HEC and Australian High Commission (AHC).

## 3-day Karachi Conference 2020 held at the IBA Karachi

**December 8, 2020:** The Karachi Conference 2020 Online Dialogues, in collaboration with the IBA Karachi, held its first dialogue live from the IBA-CEJ studio on "Devotional Music and Sufi Traditions in Sindh". In the conference, scholars presented their views on Sufi and devotional music in Sindh, the history of minorities from the early era of Islam, and matters pertaining to town planning and encroachments.

## IBA-CED and Oxfam collaborated to strengthen entrepreneurial ecosystem of Pakistan

**November 2020 - March 2021:** IBA Center for Entrepreneurial Development (CED) and Oxfam collaborated through training programs spanning over four months to strengthen entrepreneurial ecosystem of Pakistan by launching Startup Competitions Program in Karachi, Jamshoro, Layyah, Lahore, and Islamabad. Nearly, 150 diversified participants from different sectors.

# Highlights of the year 2020-21

## Media Awards on Reporting on Forced Labour and Fair Recruitment in Pakistan

**Nov 27, 2020:** The CEJ-IBA, in collaboration with International Labour Organization (ILO) conducted the Media Awards on Reporting on Forced Labour and Fair Recruitment in Pakistan as the culmination of a six-month long project.

## Students receive financial assistance under the Alfalah Islamic Scholarship Program

**November 17, 2020:** The IBA Karachi received a cheque of PKR 4.25 million from Bank Alfalah Limited, under the 'Alfalah Islamic Scholarship Program'. Scholarships will be provided to five talented and deserving students of the IBA Karachi for their first year of education to make higher education accessible and without financial constraints.

## Outreach Activities of NTHP Batch 2021:

**November 2020 - February 2021:** Outreach activities on hybrid model (Physical and Online) were carried by NTHP team members whereby they physically visited 22 different districts across Pakistan and conducted 42 information sessions of National talent Hunt Program for the underprivileged students.



## Pink Pakistan holds awareness session on breast cancer

**October 23, 2020:** The IBA Karachi and Pink Pakistan held an awareness session on breast cancer for the female faculty and staff members. The President Pink Pakistan, Dr. Zubaida Qazi explained that breast cancer was a leading cancer among the women of Pakistan and Asia. Presently, Pakistan is home to 38 million women between the age group of 40-45 years who are at a risk of developing this cancer.



## SAPM Dr. Moeed Yusuf discusses Pakistan's narrative on national security at IBA Karachi

**October 20, 2020:** The Special Assistant to the Prime Minister (SAPM) on National Security Division and Strategic Policy Planning, Dr. Moeed Yusuf, delivered a lecture on 'Pakistan's Narrative on National Security, Challenges and Way Forward' at the IBA Karachi. The SAPM also engaged in an interactive conversation with the ED, Dr. S Akbar Zaidi, students and the faculty members.



## IBA Corporate Leaders Advisory Board (ICLAB)

**October 14, 2020:** The IBA Career Development Center (CDC) hosted the IBA Corporate Leaders Advisory Board (ICLAB) meeting at the IBA Karachi. The agenda was to gather feedback on the quality of the IBA graduates and its academic programs. Company representatives from more than 40 organizations participated in the meeting.

## IBA Karachi and AgaKhan University sign MoU for collaborative research

**September 30, 2020:** The IBA Karachi and the Aga Khan University (AKU) signed a memorandum of understanding to collaborate on research and innovation initiatives in education and healthcare.



## Leadership under crisis: Pandemic and civic issues' The CM Sindh in conversation with the ED IBA

**September 24, 2020:** The IBA Karachi organized a discourse on Leadership under crisis: Pandemic and Civic Issues by the Chief Minister of Sindh and Patron IBA Karachi, Syed Murad Ali Shah.



## Institute of Business Administration (IBA) Karachi, Pakistan signs DoU with Macquarie University, Sydney, Australia

**September 22, 2020:** Macquarie University, Sydney Australia and the IBA Karachi, signed a Document of Understanding (DoU) to provide a framework of cooperation and to facilitate collaboration, at a virtual signing ceremony. The collaboration will optimize research and teaching capabilities of faculty and students of both the institutions.

## Department of Economics launches book "Policy Response During Challenging Times: Insights From the Federal Budget 2020-21 a Way Forward"

**July 24, 2020:** During the launch, the authors Dr. S Akbar Zaidi, Dr. Asma Hyder, Dr. Qazi Masood, Dr. Muhammad Sabir, Dr. Waliullah, Dr. Adnan Haider, Dr. Aadir Nakhoda and Mr. Asif Iqbal highlighted that to achieve the targeted GDP growth of 2.1% in FY21, the government needs to increase public investment by about 29% to 32% along with easing the provision of credit to the private sector by about 32 to 35%. However, the private credit channel may not work in this pandemic situation, as private investors are hesitant to invest in this uncertain and vulnerable situation.



## SCHOOL OF BUSINESS STUDIES (SBS)

- Bachelor of Business Administration (BBA)
- Bachelor of Science (BS) Accounting and Finance
- Master of Business Administration (MBA)
- Master of Business Administration (MBA) Executive
- Master of Science (MS) Finance
- Master of Science (MS) Islamic Banking and Finance
- Master of Science (MS) Management

# SCHOOL OF BUSINESS STUDIES (SBS)

Since its inception, the IBA Karachi has built a strong reputation for being the leading Business School in Pakistan, and to stay ahead, we keep evolving to the needs of society. With the establishment of the School of Business Studies (SBS), we intend to further expand our programs with transformative curricula and provide students with an enriching learning experience with regular access to industry leaders. At the SBS, we are committed to preparing innovative leaders who will add value to their stakeholders and society at large. The school has a faculty of high academic calibre, of which 64% faculty members hold PhDs.

## Dean's Message



**Dr. Wajid Hussain Rizvi**

The IBA Karachi has ingrained its mark in the history of Pakistan through its strong alumni network – making it a rich tradition of the IBA. As Dean of the School of Business Studies (SBS), I feel privileged and honoured to lead the School which is on a trajectory of nurturing many more graduates who will leave their mark around the world in all walks of life.

We live in an era of disruptions, where conventional methods of teaching, research and industry best practices are becoming redundant; for instance, machine learning, big data and specific skill sets to use such data are redefining conceptual and practical business boundaries.

Globally and locally, such disruptions are pressing business schools to engage in thoughtful leadership and demand agility to stay relevant. The establishment of the Neuro-marketing laboratory at the IBA-SBS is a testimony of agility, entrenched with current and emerging technology.

I envisage the SBS as a vibrant place where faculty members come with a purpose and students come with curiosity to decipher the purpose, which is to achieve academic excellence and social impact through creativity, integrity and teamwork. The SBS will actively pursue international academic collaborations with top business schools which will create exchange opportunities for students, as well as faculty members.

The creation of the SBS is not a mere change of name, but a change in academic governance structures and strategic direction. The new leadership will guard and preserve its DNA so that the brand equity of IBA Karachi reflects through SBS. The focus of the School will be on teaching effectiveness, quality research output, and international accreditations. The innovation, entrepreneurial mind set and commercialization will remain at the heart of the process where faculty, students and corporate leaders engage in a purposeful manner to create unique constellations to solve local and global challenges.

## Overview of departments

### Department of Accounting and Law

The programs offered at the department equip the students with top-notch conceptual and technical accounting skills required to succeed in today's challenging job market. The department focuses on imparting knowledge about the functioning of private, public, and not-for-profit organizations in a global environment.

### Department of Finance

The Department offers a variety of courses to hone problem-solving skills in students and assist them in learning how to make the best decisions about raising and using resources under risk. The courses provide the students a solid theoretical and working knowledge of finance in a global context.

### Department of Management

With an emphasis on preparing students for quality research and analysis in the field of management, the Department endeavours to impart theoretical knowledge in the specialized areas of strategy and organization, operations management, and entrepreneurship.

### Department of Marketing

At the Department, the students are propelled on a journey from the basic level to the highest conceptual areas and philosophies of marketing. Foreign and local cases are used extensively in the classroom learning experience to inculcate effective decision-making in marketing matters.

## IBA Neuro-Marketing laboratory

The IBA Neuro-Marketing laboratory offers a solution that is objective in nature and delves into consumers' subconscious response. The facilities under IBA -Neuro-Marketing include, Eye tracking, Skin response (Emotional arousal), Facial response (Emotion direction) and Electroencephalography-EEG.

Neuromarketing stems from Neuroscience, it is drastically changing the landscape of marketing. This emerging field provides unique opportunity for marketing practitioners to have hands on observable data. Its application in marketing is widespread such as advertising effectiveness, retailing, package testing, web-design and consumer engagement, sensory response to food and fragrances, user experience, usability tests etc. The field of neuro-marketing has transformed the consumer research and has significantly changed the way we understand buying behaviour. The collection of data in real time enables to make observations that are relatively objective in nature. The eye tracking technology is used to observe respondent attention towards stimuli and the facial recognition is used to observe emotional response (valence) to stimuli. The Galvanic Skin Response (GSR) is used to observe emotional intensity towards stimuli. Successful adoption of this technology will be a competitive advantage for any organization.



# **Bachelor of Business Administration (BBA)**

# Bachelor of Business Administration (BBA)

The BBA program comprises of four years of rigorous education which allows the student to have a broader view of the business world. The academic program does not only emphasize the essentials of business subjects, but also introduces them to the basic knowledge in Social Sciences, during their freshman and sophomore years. Additionally, students are required to enroll in one of the four foreign language courses that are, Arabic, Chinese, French and German. All BBA students are required to enroll for Personal Effectiveness, a non-credit course which builds and enhances the soft skills and personality development of the students. Although there are no formally labelled specializations, students can opt for any combination of electives from Marketing, Accounting, Finance, Management Information Systems (MIS), Human Resource Management (HRM), and Entrepreneurship. Based on the feedback from the alumni and human resource representatives of major corporations, the IBA has included experiential learning into the curriculum. Students must undergo two internships (one as a responsible citizen initiative in an NGO and another in a corporate organization) and a semester long experiential learning program (ELP), which is in the form of a real corporate project, an on-the-job training in the real business environment. This allows the students to network with their future employers and introduces them to the challenges of the real business world.

## BBA learning goals

### Effective Communication Skills:

Students will become effective speakers, listeners, writers and team members.

### Critical Analysis Skills:

Students will develop the ability to classify, analyze and evaluate the available data using appropriate techniques for effective decision making.

### Glocal mindset:

Students will develop a focus on global connections with local contexts through awareness of diversity across cultures and markets.

### Knowledge of Core Business Disciplines:

Students will gain a broad-based multidisciplinary exposure to a range of business disciplines.

### Ethics:

Students will have an awareness and understanding of ethical issues.

## Curriculum structure

Minimum duration	Some of the curriculum requirements have changed as a result of Academic Board Meeting 90th dated 11th March 2022	4 years
Minimum regular semesters		8
Required coursework		40 courses [122 credit hours]
Internships (Social and Corporate)		2
Experiential Learning Project		1 [6 credit hours]
<b>Total credit hours</b>		<b>128</b>

## Required coursework

Section	Course category	Courses	Credit hours
A	University core courses	4	12
B	Business core courses	23	71
C	Non-specialization core courses	5	15
D	Business electives	5	15
E	<del>Business or Social Sciences electives</del>	2	6
F	Non-specialization electives	1 <span style="border: 1px solid red; padding: 2px;">3</span>	3 <span style="border: 1px solid red; padding: 2px;">9</span>
	Total required coursework	40	122
	Experiential learning project	Equivalent to 2 courses	6
<b>Total credit hours</b>			<b>128</b>

# Bachelor of Business Administration (BBA)

## A. University core courses

Course title	Course code	Credit hours	Pre-requisite
Speech Communication	HUM201	3	-
English Grammar and Composition	SSC101	3	-
Pakistan History	SSC151	3	-
Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)*	SSC301 / HUM357	3	-

\*All Muslim students are required to register for SEPI. Non-Muslim students may take either SEPI or PLE.

## B. Business core courses

Course title	Course code	Credit hours	Pre-requisite
Principles of Accounting	ACC111	3	-
Financial Accounting	ACC201	3	ACC111
Management Accounting	ACC381	3	ACC111
Principles of Microeconomics	ECO103	3	-
Principles of Macroeconomics	ECO104	3	-
Analysis of Pakistani Industries	ECO211	3	ECO103 / ECO201 and ECO104 / ECO202
Introduction to Business Finance	FIN201	3	-
Financial Institutions and Markets	FIN301	3	FIN201
Financial Management	FIN401	3	FIN201
Human Resource Management	HRM401	3	MGT201, MKT201
Business Law	LAW205	3	-
Principles of Management	MGT201	3	-
Business Communication (2+1 CH)	MGT211	3	MGT201, SSC104
Organizational Behavior	MGT221	3	MGT201, SSC104
Production and Operations Management	MGT311	3	FIN201, MGT201, MKT201
Entrepreneurship	MGT421	3	FIN201, MGT201, MKT201
Managerial Policy	MGT430	3	ECO103, ECO201, FIN201, HRM401, ECO113, MGT201, MGT211, MGT221, MKT201
Principles of Marketing	MKT201	3	-
Methods of Business Research	MKT301	3	MKT201, MTS202
Marketing Issues in Pakistan	MKT401	3	MKT201
Foundation of Human Behaviour	SSC104	3	-
Language-I*	SSC201/205/209	4	-
Language-II*	SSC202/206/210	4	SSC201/205/209

\* All students must take both modules (I and II) of the same language.

# Bachelor of Business Administration (BBA)

## C. Non-specialization core courses

Course title	Course code	Credit hours	Pre-requisite
Introduction to Computer Applications	MIS103	3	-
Introduction to Statistics	MTS102	3	-
Calculus 1	MTS104	3	-
Statistical Inference (with econometrics lab)	MTS202	3	MTS101 / MTS104, MTS102
Business Mathematics and Linear Algebra	MTS212	3	MTS101 / MTS104

## D. Business electives

Students select 5 courses as business electives. These may be chosen from any of the courses offered by the Business School that are not core courses for the BBA program. These include, courses offered by Finance department (course codes beginning with FIN), Accounting and Law department (beginning with ACC and LAW), Marketing department (beginning with MKT) and the Management department (beginning with MGT, HRM, ENT), subject to fulfillment of pre-requisites. ~~Students can also opt for courses offered by the Economics department (beginning with ECO), School of Economics and Social Sciences.~~ List of course offerings differ semester to semester and students can find the current offerings on the website <https://www.iba.edu.pk/class-schedule.php> or with the relevant program offices.

## ~~E. Business or Social Science electives~~ This category is no longer there now

~~These electives are over and above pure business elective~~ ~~by be chosen either from the School of Business Studies (SBS) (as business electives) or from social science courses offered by the School of Economics and Social Sciences (SESS).~~ List of course offerings differ semester to semester and students can find the current offerings on the website <https://www.iba.edu.pk/class-schedule.php> or with the relevant program offices.

## F. Non-specialization elective courses

Students can choose <sup>three</sup> ~~one~~ elective course from any discipline offered by any school at the IBA (other than cores or business elective) as one of their non-specialization electives. List of course offerings differ semester to semester and students can find the current offerings on the websites <https://www.iba.edu.pk/class-schedule.php> or with the relevant program offices.

## Internships

Students are required to undergo two internships during their academic stay at the IBA. The first of these internships is responsible citizen initiative (RCI), a social internship that must be carried out in an NGO or a formal social institution. This can be done after the 1st year of studies / 2nd semester and must be completed by the end of the 3rd year of studies / 6th semester. The second internship is a formal corporate internship, which can only be carried out after completing the 6th semester (i.e. after completion of all the courses till 6th semester, as mentioned in the semester-wise break up below). However, students from the spring intake batch can be provided an exception to carry out their corporate internships during the subsequent summer after their 5th semester. These internships are a mandatory requirement for graduation.

## Experiential Learning Project (ELP)

Experiential Learning Project (ELP) is a mandatory and concluding part of the BBA program. It is a semester long project in a corporate entity, an on-the-job training in a real business environment. The ELP allows the students to network with their future employers and introduces them to the challenges of the real business world. The project is equivalent to 6 credit hours and the grade is also incorporated in the CGPA of the students. Detailed requirements of the ELP program are available with the program coordinator office and are provided to the students during their seventh semester. For more information: <https://elp.iba.edu.pk/>

# Bachelor of Business Administration (BBA)

## Semester-wise sequence of courses

The following sequence is a tentative plan about the courses offered in the program. The Program Office reserves the right to change the sequence at any given time.

Freshman	Semester - 1	Course code	Credit hours	Pre-requisite
1	Principles of Microeconomics	ECO103	3	-
2	Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	HUM357/SSC301	3	-
3	Introduction to Computer Applications	MIS103	3	-
4	English Grammar and Composition	SSC101	3	-
5	Foundations of Human Behavior	SSC104	3	-
	Semester - 2	Course code	Credit hours	Pre-requisite
1	Principles of Accounting	ACC111	3	-
2	Principles of Macroeconomics	ECO104	3	-
3	Speech Communication	HUM201	1+2	-
4	Principles of Management	MGT201	3	-
5	Introduction to Statistics	MTS102	3	-
6	Calculus 1	MTS104	3	-
Sophomore	Semester - 3	Course code	Credit hours	Pre-requisite
1	Financial Accounting	ACC201	3	ACC111
2	Introduction to Business Finance	FIN201	3	-
3	Organizational Behavior	MGT221	3	SSC104, MGT201
4	Principles of Marketing	MKT201	3	-
5	Statistical Inference (with econometrics lab)	MTS202	3	MTS101/MTS104, MTS102
6	Pakistan History	SSC151	3	-
	Semester - 4	Course code	Credit hours	Pre-requisite
1	Analysis of Pakistani Industries	ECO211	3	ECO103/ECO201, ECO104/ECO202
2	Financial Institutions and Markets	FIN301	3	FIN201
3	Financial Management	FIN401	3	FIN201
4	Business Communication (2+1 CH)	MGT211	3	MGT201, SSC104
5	Business Mathematics and Linear Algebra	MTS212	3	MTS101 / MTS104

# Bachelor of Business Administration (BBA)

## Semester-wise sequence of courses

Junior	Semester - 5	Course code	Credit hours	Pre-requisite
1	Management Accounting	ACC381	3	ACC111
2	Human Resource Management	HRM401	3	MGT201, MKT201
3	Business Law	LAW205	3	-
4	Methods of Business Research	MKT301	3	MKT201, MTS202
5	Language-I	SSC201/205/209	4	-
Semester - 6		Course code	Credit hours	Pre-requisite
1	Production and Operations Management	MGT311	3	FIN201, MGT201, MKT201
2	Entrepreneurship	MGT421	3	FIN201, MGT201, MKT201
3	Marketing Issues in Pakistan	MKT401	3	MKT201
4	Language-II	SSC202/206/210	4	SSC201/205/209
5	Business elective I	-	3	-
Senior	Semester - 7	Course code	Credit hours	Pre-requisite
1	Managerial Policy	MGT430	3	ECO103, ECO201, FIN201, HRM401, ECO113, MGT201, MGT211, MGT221, MKT201
2	<del>Social Science and Liberal Arts elective</del> NS Elective I	SSC	3	SSC104
3	Personal Effectiveness (non-credit course)	SSC240	-	MGT201, MGT211, MGT221, MKT201
4	Business elective II	-	3	-
5	Business elective III	-	3	-
6	Business elective IV	-	3	-
Semester - 8		Course code	Credit hours	Pre-requisite
1	Experiential learning project (ELP)	PRJ491	6	-
2	Business elective V	-	3	-
3	<del>Business elective VI / Social Sciences Elective</del> NS Elective II	-	3	-
4	<del>Business elective VII / Social Science Elective</del> NS Elective III	-	3	-



# **Bachelor of Science (BS) Accounting and Finance**

# Bachelor of Science (BS) Accounting and Finance

Bachelor of Science (BS) in Accounting and Finance program is a 4-year undergraduate degree introduced in 2013, providing an exclusive opportunity to students to receive specialization in Accounting and Finance. This program is recognized for exemptions of many courses and examinations by the Institute of Chartered Accountants of Pakistan (ICAP), Association of Chartered Certified Accountants (ACCA), Chartered Institute of Management Accountants (CIMA), Institute of Cost and Management Accountants of Pakistan (ICMAP) and Institute of Bankers Pakistan (IBP). Some of these exemptions are however, subject to opting for certain electives, which if taken enables the program graduates to appear only in professional level examinations of these accounting bodies (falling usually in their last certification year). Details of such exemptions may be found on their relevant websites and secretariats.

## BSAF learning goals

### Effective Communication Skills:

Students will become effective speakers, listeners, writers and team members.

### Knowledge of Core Business Disciplines:

Students will gain a broad-based multidisciplinary exposure to a range of business disciplines.

### Critical Analysis Skills:

Students will develop the ability to classify, analyze and evaluate the available data using appropriate techniques for effective decision making.

### Ethics:

Students will have an awareness and understanding of ethical issues.

### Global mindset:

Students will develop a focus on global connections with local contexts through awareness of diversity across cultures and markets.

Curriculum structure	
Minimum Duration	4 years
Minimum Regular Semesters	8
Required coursework	40 [120 credit hours]
Internships (Social and Corporate)	2
Experiential Learning Project	1 [6 credit hours]
<b>Total credit hours</b>	<b>126</b>

## Required coursework

Section	Course category	Courses	Credit hours
A	University core courses	4	12
B	Accounting core courses	6	18
C	Finance core courses	5	15
D	Non-specialization core courses	8	24
E	Accounting elective courses	6	18
F	Finance elective courses	7	21
G	Non-specialization elective courses	4	12
Total Coursework		40	120
Experiential learning project		2	6
Total Credit Hours			126

## A. University core courses

Course category	Courses	Credit hours	Pre-requisite
Speech Communication	HUM201	3	-
English Grammar and Composition	SSC101	3	-
Pakistan History	SSC151	3	-
Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	SSC301 / HUM357	3	-

\*\*All Muslim students are required to register for SEPI. Non-Muslim students may take either SEPI or PLE.

## B. Accounting core courses

Course category	Courses	Credit hours	Pre-requisite
Principles of Accounting	ACC111	3	-
Financial Accounting	ACC201	3	ACC111
Auditing	ACC320	3	-
Management Accounting	ACC381	3	ACC111
Business Law	LAW205	3	-
Taxation	LAW303	3	ACC201

# Bachelor of Science (BS) Accounting and Finance

## C. Finance core courses

Course title	Course code	Credit hours	Pre-requisite
Introduction to Business Finance	FIN201	3	-
Financial Institutions and Markets	FIN301	3	FIN201
Financial Management	FIN401	3	FIN201
Financial Modeling	FIN464	3	FIN401
Regulations and Financial Markets	FIN558	3	FIN401

## D. Non-specialization core courses

Course title	Course code	Credit hours	Pre-requisite
Introduction to Economics	ECO105	3	-
Business Communication + (PE)	MGT211	3	-
Management and Organizational Behavior	MGT231	3	-
Introduction to Computer Applications	MIS103	3	-
Principles of Marketing	MKT201	3	-
Introduction to Statistics	MTS102	3	MTS105
Calculus 1	MTS104	3	-
Statistical Inference	MTS202	3	MTS102/MTS101

*Personal Effectiveness (PE) is not a separate course, but an addendum to Business Communication. It will be offered in the 7th semester.*

## E. Accounting electives (6 to be selected)

Accounting elective courses may constitute:

1. Any of the courses offered by Accounting and Law department (subject to fulfilment of pre-requisites) that is not a core course. The relevant courses have the course code in the format of ACCXXX and LAWXXX. List of course offerings differ semester to semester and students can find the current offerings on the website <https://www.iba.edu.pk/class-schedule.php> or with the relevant program offices.
2. Any of the following courses:
  - a. Strategic Management
  - b. Essential Software
  - c. International Business
  - d. Introduction to Programming

# Bachelor of Science (BS) Accounting and Finance

## F. Finance electives (7 to be selected)

Finance elective courses may constitute:

1. Any of the courses offered by Finance department (subject to fulfillment of pre-requisites). These relevant courses have code in the format of FINXXX. List of course offerings differ semester to semester and students can find the current offerings on the relevant website <https://www.iba.edu.pk/class-schedule.php> or with the relevant program offices.
2. Any of the following courses:
  - a. Public Finance
  - b. International Trade
  - c. Financial Engineering & Risk Management
  - d. Financial Economics

## Accounting electives compulsory for CA and ACCA exemption

Course category	Courses code
Advanced Managerial Accounting	ACC310
Financial Reporting	ACC315
Advanced Auditing	ACC325
Advanced Financial Reporting	ACC401
Corporate Law	LAW305
Advanced Taxation	LAW401

## Internships

Students are required to undergo two internships during their academic process at the IBA. The first of these internships is responsible citizen initiative (RCI), a social internship that must be carried out in an NGO or a formal social institution. This can be done after the 1st year of studies / 2nd semester and must be completed by the end of the 3rd year of studies / 6th semester. The second internship is a formal corporate internship, which can only be carried out after completing the 6th semester (i.e. after completion of all the courses till 6th semester, as mentioned in the semester-wise break up below). However, students from the spring intake batch can be provided an exception to carry out their corporate internships during the subsequent summer after their 5th semester. These internships are a mandatory requirement for graduation.

## G. Non-specialization electives (4 to be selected)

- At least one of the electives must be from social sciences courses. These courses are in the format of SSCXX, HUMXXX, HSTXXX, NSCXXX, MCSXXX, POLXXX, PSYXXX or a language course.
- Other three electives in this category can be any undergraduate course offered at the IBA at any school and by any department, except those offered as accounting or finance courses (that is, except those offered under course codes ACCXXX, LAWXXX and FINXXX)

List of course offerings differ semester to semester and students can find the current offerings on the relevant website <https://www.iba.edu.pk/class-schedule.php> or with the relevant program offices.



## Experiential Learning Project (ELP)

Experiential Learning Project (ELP) is a mandatory and concluding part of the BS (AF) program. It is a semester long project in a corporate entity, an on-the-job training in a real business environment. The ELP allows the students to network with their future employers and introduces them to the challenges of the real business world. The project is equivalent to 6 credit hours and the grade is also incorporated in the CGPA of the students.

Detailed requirements of the ELP program are available with the program coordinator office and are provided to the students during their seventh semester. For more information: <https://elp.iba.edu.pk/>

# Bachelor of Science (BS) Accounting and Finance

## Semester-wise sequence of courses

The following sequence is a tentative plan about the courses offered in the program. The Program Office reserves the right to change the sequence at any given time.

Freshman	Semester - 1	Course code	Credit hours	Pre-requisite
1	Principles of Accounting	ACC111	3	-
2	Introduction to Economics	ECO105	3	-
3	Introduction to Statistics	MTS102	3	-
4	Calculus 1	MTS104	3	-
5	English Grammar and Composition	SSC101	3	-
6	Pakistan History	SSC151	3	-
	Semester - 2	Course code	Credit hours	Pre-requisite
1	Financial Accounting	ACC201	3	ACC111
2	Introduction to Business Finance	FIN201	3	-
3	Speech Communication	HUM201	3	-
4	Business Law	LAW205	3	-
5	Introduction to Computer Application	MIS103	3	-
6	Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	SSC301/HUM357	3	-
Sophomore	Semester - 3	Course code	Credit hours	Pre-requisite
1	Financial Institutions and Markets	FIN301	3	FIN201
2	Financial Management	FIN401	3	FIN201
3	Management and Organizational Behaviour	MGT231	3	-
4	Principles of Marketing	MKT201	3	-
5	Statistical Inference with Econometrics	MKT202	3	MTS102
	Semester - 4	Course code	Credit hours	Pre-requisite
1	Management Accounting	AACC381	3	ACC201
2	Taxation	LAW303	3	ACC201
3	Accounting elective I	-	3	-
4	NS Elective I	-	3	-
5	NS Elective II	-	3	-

# Bachelor of Science (BS) Accounting and Finance

## Semester-wise sequence of courses

Junior	Semester - 5	Course code	Credit hours	Pre-requisite
1	Auditing	ACC320	3	-
2	Financial Modeling	FIN464	3	FIN401
3	Regulations and Financial Markets	FIN558	3	FIN401
4	Business Communication	MGT211	3	-
5	Accounting elective II	-	3	-
	Semester - 6	Course code	Credit hours	Pre-requisite
1	Accounting elective III	-	3	-
2	Finance elective I	-	3	-
3	Finance elective II	-	3	-
4	Finance elective III	-	3	-
5	NS elective III	-	3	-
Senior	Semester - 7	Course code	Credit hours	Pre-requisite
1	Accounting elective IV	-	3	-
2	NS elective IV	-	-	-
3	Finance elective IV	-	3	-
4	Finance elective V	-	3	-
5	Finance elective VI	-	3	-
	Semester - 8	Course code	Credit hours	Pre-requisite
1	Accounting elective V	-	3	-
2	Accounting elective VI	-	3	-
3	Finance elective VII	-	3	-
4	ELP	-	3	-



# **Master of Business Administration (MBA)**

# Master of Business Administration (MBA)

The vision of the program is to make it a leading MBA program of choice in the region which shapes businesses and societies. The mission of the MBA program at IBA is to contribute to businesses and socioeconomic development nationally, regionally and globally. The program will help students to develop a range of analytical, conceptual and operational skills that address the many challenges in industries. The program attracts talented students through a competitive process and facilitates their transformation into responsible business leaders. Our MBA graduates are trained to think critically and to work with ethical integrity. The MBA faculty using state of the art technology and pedagogies fosters this learning environment through the creation, acquisition, dissemination and application of new knowledge related to business administration.

## Objectives

1. Students will be able to express and discuss their ideas in a professional and logically coherent manner.
2. Students will demonstrate effective use of presentation techniques to communicate qualitative and quantitative business problems and solutions.
3. Students will be able to communicate effectively in a team setting.
4. Students will demonstrate ability to evaluate the financial position and performance of a business.
5. Students will demonstrate ability to formulate appropriate marketing strategies.
6. Students will be able to appreciate and apply management and leadership concepts within business and organizational context.
7. Students will be able to evaluate a complex business situation from multiple perspectives using appropriate models.
8. Students will be able to propose and defend alternative strategies to resolve a complex business problem.
9. Students should be able to assess the ethical implications while evaluating various business decisions.
10. Students should be able to devise safeguards to mitigate possible unethical behaviors.
11. Students will show an ability to appreciate local and global

diversity in a business context.

12. Students should be able to apply global best practices in business settings.

## MBA learning goals

### Effective Communication Skills:

The students will be able to communicate effectively while presenting/defending business ideas and decisions.

### Knowledge of Core Business Disciplines:

Students will be able to apply knowledge of major business disciplines for problem solving and decision making.

### Critical Analysis Skills:

Students will manifest the ability to analyze a complex business situation to reach a diagnosis and prescribe resolution strategies.

### Ethics:

Students will have the ability to demonstrate ethical understanding in a business setting.

### Global mindset:

Students will develop an appreciation of diversity in business practices, both locally and globally.

## MBA morning

The MBA Morning Program is offered at the Main Campus. Specializations include Marketing, Finance, Human Resource

Management and Supply Chain Management.

## Minimum duration/credit hours

24 months/72 credit hours

## Pre-requisites

A minimum of 16 years of education (culminating in a Master's degree or equivalent) out of which 4 years should have been spent in an HEC recognized university/degree awarding institute with 2.50 CGPA or 60% in last degree (whichever is applicable). Candidates with work experience will be preferred.

## Program structure

72 credit hours including MBA project. Summer internship is mandatory (mandatory for Non-BBA background students).

## MBA evening

The MBA Evening Program is offered at the City and Main campuses. Specializations include Marketing, Finance, Human Resource Management and Supply Chain Management. The duration of this program (between 3.5 years to maximum 7 years) may vary depending on the capacity of the student to complete the course load during each semester. Minimum duration/credit hours are 42 months/72 credit hours.

## Pre-requisites

A minimum of 16 years of education (culminating in a Master's degree or equivalent) out of which 4 years should have been spent in an HEC recognized university/degree awarding institute with 2.50 CGPA or 60% in the last degree (whichever is applicable). Candidates with work experience will be preferred.

## Program structure

72 credit hours including the MBA Project.

## Program structure

Section	Course category	Courses	Credit hours
A	Summer orientation program	-	-
B	Core courses	15	36
C	Capstone course (Corporate Strategy)	1	3
D	Experiential learning MBA project	2	6
E	Electives	9	27
Total		27	72

# Master of Business Administration (MBA)

## MBA morning and evening curriculum

Courses	Duration
Summer orientation program*	8 weeks program
Business Accounting	
Business Math and Statistics	
Business Economics	
Business Finance	
Business Communication	
Introduction to Marketing	
Excel and Access for Business Managers	
Business Management and Introduction to Case Method	
Personal Effectiveness and Communication*	
Library Usage and Online Resources Utilization Workshops	

Semester - 1	Course code	Credit hours	Pre-requisite
Financial Accounting and Information Systems	ACC506	3	-
Business Statistics	MTS509	2	-
Business Intelligence	MTS510	1	-
Managerial Economics	ECO501	3	-
Business Finance I	FIN506	3	-
Organizational Behavior and Leadership	MGT557	3	-
Marketing Management	MKT501	3	-

<b>Total Credit hours</b>	<b>18</b>		
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Semester - 2	Course code	Credit hours	Pre-requisite
Accounting for Decision Making	ACC505	3	ACC506
Macroeconomics	ECO507	1.5	ECO501
International Political Economy	ECO508	1.5	ECO501
Business Finance II	FIN507	3	FIN506
Legal and Regulatory Environment of Business	LAW501	3	-
Operations Management	MGT510	3	-
Applied Business Research – Qualitative	MKT503	1.5	MKT501, MTS509, MTS510
Applied Business Research - Quantitative	MKT507	1.5	MKT501, MTS509, MTS510

<b>Total Credit hours</b>	<b>18</b>		
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# Master of Business Administration (MBA)

## Summer internship (6-8 weeks)\*\*\*

Semester - 3	Course code	Credit hours	Pre-requisite
Corporate Strategy (Capstone Course) **	MGT506	3	-
MBA project (core course) **	PRJ701	3	-
A minimum of four courses from electives	-	12	-
<b>Total Credit hours</b>		<b>18</b>	

Semester - 4	Course code	Credit hours	Pre-requisite
MBA project (core course)	PRJ701	3	-
A minimum of five courses from electives	-	15	-
<b>Total Credit hours</b>		<b>18</b>	

\*Mandatory for all students

\*\*Corporate Strategy and MBA Project can only be taken after completion of all core courses

\*\*\*Mandatory for Non-BBA background students

Note: MBA Morning students (except repeaters) are required to complete their core courses in the morning program.

### MBA project

Students in the second year are required to undertake a group project. The aim is to enable students to execute a challenging assignment in a real-life business environment. The execution of the project not only helps students to develop problem-solving, interviewing and report writing skills, but also provides an opportunity for them to enhance their decision making, leadership and team building skills. The MBA Project also helps students in developing job-related networks. The outcome of the MBA Project is a detailed implementation plan on some managerial and organizational problems. It also enhances the final year students' sense of contribution and achievement.

The MBA Project of the IBA gives organizations the opportunity to take advantage of the expertise and academic knowledge of bright and dynamic students of a premier business school in Pakistan for conducting primary and field research, analyzing the issue(s) organizations want to investigate, and coming up with cost-effective implementable solutions at no or barely minimal cost to the client organizations.

### Assurance of learning and feedback system

From Fall 2015, assurance of learning and feedback system has been implemented in the MBA program to enhance the performance of the students and quality of the program. Assurances of learning standards evaluate how well the school accomplishes the educational aims at the core of its activities. It is the systematic collection, review and use of information about the education program for the purpose of improving students' learning and development.

### AOL - assessment process

Step 1: Establish learning goals and objectives

Step 2: Alignment of curricula with adopted goals

Step 3: Identification of assessment instruments and measures:

- During selection of MBA students: MBA test, group discussion, interviews
- Course-embedded measures: rubrics
- Demonstration through stand-alone testing or performance: comprehensive exam and final year MBA project

Step 4: Collection, analyzing and dissemination of assessment information

Step 5: Using assessment information for continuous improvement including documentation that the process is being carried out on an ongoing, systematic basis



# Master of Business Administration (MBA)

## AOL - feedback system

Based on the findings of AOL data, individual student's performance assessment and feedback system has been developed to provide feedback on the individual student's performance in each course and semester. This system helps in identifying the weak areas and suggesting corrective measures to improve the performance of the student.

## Case method

Cases are one of the popular and effective tools used in learning all around the world, especially at the graduate level. The case method allows students to experience real life situations, pressures and challenges, preparing them to become truly professional in their respective field of work. It is the best way to apply theory to practice and develop analytical, decision-making, application, writing, time management and creative skills in order to maximize the learning process.

## Advising role

The MBA program office acts as a help center for MBA students. It counsels the students on academic issues such as selection of courses and teachers. It also provides an opportunity to discuss with students their personal issues (such as managing stress related to academics and other problems).

## GPA requirement for award of MBA degrees

An MBA program student whose CGPA in the final semester is less than 2.20 but not below 2.0 shall also be required to repeat one semester of the lowest academic standing or certain courses in order to be eligible for the award of MBA degree. If the student improves the CGPA (minimum 2.20), degree shall be awarded (other conditions applicable), otherwise only a transcript of credits shall be issued.

## Summer semester

Students are not allowed to register for an advanced credit or additional course. However, such students are allowed to remove deficiency in one course during the summer semester. Students not doing an internship can clear up to two deficiencies. Students may withdraw from one course during the summer semester. Withdrawal should be sought within a week after the announcement of the midterm examination result.

## Work experience requirement for admission

Work experience for admission to IBA's MBA program is preferred. Work experience comprises of post-qualification work experience in multinationals, large domestic corporations and large family businesses. For self-employed and smaller family businesses, the 'work evaluation committee' will decide if the experience is acceptable for admission to IBA. The work evaluation committee will comprise of a member of the admissions committee, Director MBA program and an IBA alumnus with at least 10 years' work experience.

## Comprehensive examination

Every student is required to pass a comprehensive examination on completion of all MBA core courses (capstone course is also a core course). This examination tests the students' grasp of the total course offerings and provides them with an opportunity to recapitulate and integrate their knowledge prior to earning the MBA degree. The student is eligible for a transcript/degree only after passing the comprehensive examination. However, he/she may obtain a provisional certificate on completion of the course requirement. The MBA Director is responsible for providing the comprehensive exam, evaluation of the exam copies and the final results. The controller of examination is responsible for conducting this exam. The four-hour examination is held after every regular semester. A maximum of three attempts are allowed to clear the examination. Students who fail to pass the comprehensive examination are eligible only for the individual course certificates.

## Summer orientation/remedial programs

Summer orientation/remedial program (SOP) for fall intake has been introduced for all newly admitted students of MBA. Summer/winter orientation program will set the tone and level of rigor for the entire MBA program. These programs are to make students familiar with the business courses, case method, team building and ethics, norms and values of IBA. Spread over eight weeks, this program is mandatory for all MBA students, irrespective of their undergrad degree, to prepare them for the intensive and rigorous IBA MBA program. Attendance and successful completion of summer orientation program is prerequisite for admission in MBA program. If a student fails in

an exam or gets short of attendance in any course, that student will not be allowed to get admitted in MBA program.

## International exchange students

This is a new effort of IBA to provide international exposure to its students in a foreign university. Under this program, a few students will be selected and exchanged with a well-known foreign university for one semester. This exercise will improve students' personal growth and will be helpful once they enter their professional lives.



# Master of Business Administration (MBA)

## List of electives

Course title	Course code	Credit hours	Pre-requisite
Actg. Info. System with SAP	ACC507	3	ACC506
Auditing Theory and Practice	ACC557	3	ACC506
IFRS and Financial Reporting in Pakistan	ACC559	3	ACC506
Analysis of Financial Statements	ACC561	3	ACC506
Project Evaluation and Financing	ACC589	3	ACC506
Business Analytics	MTS501	3	MKT503, MKT507
International Field Project Course	BUS551	3	-
Introduction to Ethics and Moral Philosophy	BUS553	3	-
International Trade	ECO539	3	ECO501
Public Policy Analysis: Theory and Practice	ECO560	3	ECO501
Environmental and Resource Economics	ECO561	3	ECO501
Financial Economics	ECO562	3	ECO501
Monetary Economics	ECO566	3	ECO501
Water Economics and Policy	ECO574	3	ECO501
Microeconomics of Policy Analysis	ECO575	3	ECO501
Financial Intermediation	FIN531	3	FIN507
Advance Credit Management	FIN532	3	FIN507
Financial System – process, players, status and prognosis	FIN533	3	FIN507
The Strategic Management of Banks	FIN541	3	FIN507
International Finance	FIN551	3	FIN507
International Financial Management	FIN552	3	FIN507
Investment Banking and Financial Services	FIN554	3	FIN507
Security Analysis and Capital Markets	FIN556	3	FIN507
Regulation and Financial Markets	FIN558	3	FIN507
Advanced Corporate Finance	FIN560	3	FIN507
Advanced Portfolio Management	FIN563	3	FIN507
Treasury and Fund Management	FIN565	3	FIN507
Risk Management	FIN567	3	FIN507
Derivatives and Risk Hedging	FIN568	3	FIN507
Financial Econometrics	FIN569	3	FIN507

# Master of Business Administration (MBA)

## List of electives (Contd.)

Course title	Course code	Credit hours	Pre-requisite
Islamic Banking and Finance	FIN570	3	FIN507
Financial Modelling	FIN574	3	FIN507
Fixed Income Securities	FIN594	3	FIN507
People Analytics	HRM530	3	MGT557
Organizational Development	HRM552	3	MGT557
Team Management	HRM557	3	MGT557
Leading and Managing Change	HRM558	3	MGT557
Performance and Compensation Management	HRM562	3	MGT557
Developing Human Capital	HRM571	3	MGT557
Corporate Governance and Practices in Pakistan	LAW553	3	LAW501
Managerial Communications and Negotiations	MGT503	3	-
Entrepreneurial Management	MGT507	3	-
Strategic Human Resource Management	MGT512	3	MGT557
Strategic Management	MGT552	3	-
Project Management	MGT555	3	-
International Market Entry Strategies	MGT558	3	-
International Business	MGT559	3	-
Technology Innovation Management and Design	MGT561	3	-
Branding and Creative Corporate Communication	MKT506	3	MKT501
Advanced Marketing Communication	MKT551	3	MKT501
Applied Buying Behaviour	MKT552	3	MKT501
Social Marketing	MKT556	3	MKT501
Dynamic Distribution and Logistics	MKT557	3	MKT501
Supply Chain Management	MKT559	3	MKT501
Advanced Brand Management	MKT561	3	MKT501
Media Management	MKT566	3	MKT501
Social Media Marketing	MKT569	3	MKT501
Strategic Sourcing and Negotiation Skills	MKT571	3	MKT501
Marketing Analytics	MKT574	3	MKT501, MTS509, MTS510
Trade Marketing	MKT576	3	MKT501
Retail Management	MKT586	3	MKT501

# Master of Business Administration (MBA)

## List of electives (Contd.)

Course title	Course code	Credit hours	Pre-requisite
Personal Selling	MKT651	3	MKT501
Sales Management	MKT653	3	MKT501
Services Marketing	MKT656	3	MKT501
Strategic Marketing	MKT657	3	MKT501
Advance B2B Marketing	MKT658	3	MKT501
Global Marketing Management	MKT659	3	MKT501
Neuro Marketing	MKT660	3	-
Business Analysis and Decision Making	MTS500	3	MKT503, MKT507





**Master of Business  
Administration  
(MBA) Executive**

# Master of Business Administration (MBA) Executive

The vision of the MBA Executive program is to become the center of excellence for professionals who possess the desire to acquire applied knowledge in business administration.

This weekend program offers a personalized opportunity to the professionals to enrich their knowledge and skills without compromising on their work schedules.

MBA Executive degree is suitable for professionals who aim to acquire a leadership role and aspire to reach the highest levels of the corporate ladder, such as the C-suite (CEO, CFO and COO etc.) or an entrepreneurial role. The program format, courses, methodology and content are developed in consultation with the leading experts and worthy faculty members.

## Advantage of the MBA Executive program

### Intellectual powerhouse:

- Brilliant cohort: program participants represent more than 100 corporate entities from diverse sectors. They bring updated knowledge and expertise to form an intellectual powerhouse.
- Diversity: unique blend of participants aged between 25 to 50 years with different academic and professional backgrounds.
- Star performers: program alumni make their mark in every field, not only at their workplace but also at international conferences.
- Peer learning: besides learned resource persons from industry/academia, applied pedagogy and excellent environment, additional value comes through peer-to-peer learning at the campus.
- Guest speaker sessions: industry icons and subject experts are invited to share their knowledge and expertise. This also provides an opportunity to meet and network with industry leaders.
- Knowledge reservoir: program participants write quality reports/analysis that are available at the MBA Executive website. Over 650, duly graded, are available in the library.

### Unique features:

- Concurrent recognition: senior/middle level executives are

instantaneously recognized and rewarded by the corporate world for their intellectual development.

- Networking: participants who spend a significant amount of their time on weekends at IBA find ample opportunities to interact with other participants.
- Alumni: on Graduation, the participants will be able to join the prestigious IBA alumni club comprising 10,000 highly successful executives, serving at local/international organizations.
- One window facilitation: MBA Executive Program Office offers all services at one place; thus, participants are not required to visit different offices/departments for their needs.

### The program:

- Fast track: keeping in view the busy schedule of C-suite professionals, the program's duration is reduced to two and a half years. However, the maximum limit to complete the degree is up to 6 years.
- Program format: MBA Executive is a 72-credit hours program covering 14 core and 8 elective courses. In addition, the students need to do a research project and pass a comprehensive exam.
- Structured route: participants take all core courses and may have the choice to select elective courses from the course offerings in every semester.
- Research projects are taken up at an individual level. The process includes proposal, mid review and final presentation along with a written report in consultation with a project supervisor and the panel members.

- State-of-the-art facilities: all MBA Executive learning activities are centered at the IBA Main Campus.

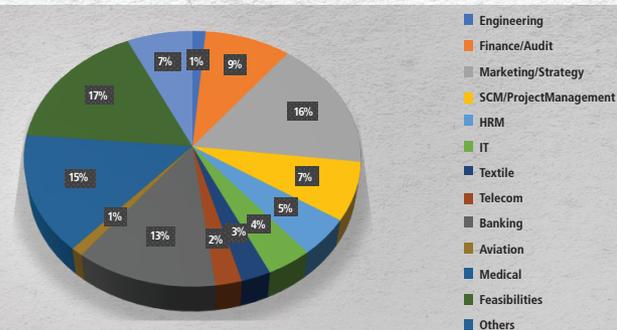
### The process:

- Entry criteria - academic: minimum 16-year education out of which 4 years at HEC recognized University/Institute, with a minimum CGPA of 2.50 on a scale of 4.00 or first division, whichever is applicable in the terminal degree.
- Mandatory work experience: preferably 5 years, but not less than 3 years' post qualification experience. Due weightage will be given to international assignments and multi city responsibilities.
- Counseling: IBA offers constant guidance and support to the program participants as well as to those who wish to join the program. This service is available even after their graduation.
- Two inductions per year: there are two inductions carried out one in Spring (November/December) and Fall (July / August) of every year. In the Summer semester participants complete their courses related to deficiency. They select the elective courses to finalize the majors of their degree.

## MBA Executive Project Universe

Diversity is the unique feature of the MBA Executive cohort. The experienced participants from diversified fields and industries bring enormous value to the program. For the mandatory research project, the participants choose an area of their interest and develop a report through a very rigorous process. So far over 600 project reports have been finalized, with more than 100 reports in the process of completion. A broad break-up of the completed projects in selective sectors is presented here:

## MBA Executive Projects



# Master of Business Administration (MBA) Executive

## MBA Executive Business Project

Under the MBA Executive program, it is mandatory that every participant may pick an independent project. As per IBA's grading plan, a research project is equal to two courses of three credit hours each. For participants it is an opportunity to display their talent and practice research and writing skills which they will need throughout their professional life. Although demanding, participants often find the MBA Executive Business Project one of the most rewarding aspects of their degree program.

The project should depict both the technical knowledge that participants have acquired throughout their degree program, as well as the ability to integrate knowledge from different subject areas and applying it analytically to an academic but business-related problem.

### The process

1. The students will develop the proposal in consultation with their supervisors.
2. The students will choose their supervisors. However, the program office will also facilitate in the selection process.
3. After finalizing the proposal with supervisor, the student will present the same to the IBA panel.
4. Once the proposal is approved by the IBA panel, the student will start working towards the mid review/interim report.
5. The over-all headings will remain the same, however all heads will get larger and elaborate with their work including the literature review increasing to 50 to 60 articles. Students will do a pilot test at this level before they present their research. They will have already tested the idea or analyzed a portion of their study to come up with some preliminary findings. They will both present and submit the report to their project supervisor and the panel.
6. Students will have continuous support from the program office including the individual supervisor. Once mid review/interim report is approved by the IBA panel, they will carry on with their work as suggested by the individual project supervisor.

7. The student will finally test their idea or complete the analysis with the sample, followed by analysis and interpretation. They will write the final report under the guidance of their project supervisor and finally present it to the IBA and the project supervisor.

### Timeline

The MBA Executive project is equal to two courses. They will start their proposal towards the end of the first semester and work through the literature review by the end of second semester. Mid review and final will follow till the last semester.

### Comprehensive examination

The comprehensive examination is a partial requirement for award of the MBA degree. Every student is required to pass this exam within their enrollment period in a maximum of 3 attempts. This 4-hour examination is held twice a year after every regular semester. It tests the students' grasp of the total course offerings and provides them with an opportunity to recapitulate and integrate their knowledge prior to earning the MBA degree. The student is eligible for a transcript/degree only after passing the comprehensive examination. However, he/she may obtain a provisional certificate on completion of the course requirement. Students who fail to pass the comprehensive examination are eligible only for the individual course certificates.

### Dynamic digital resources

High quality learning is imparted with the assistance of Learning Management System (LMS), Enterprise Resource Planning (ERP), dedicated IBA e-mail account and other relevant portals such as Library Information System. MBA Executive also maintains a dynamic website, Facebook page and bulk SMS and email notifications.

### IBA corporate leaders advisory board (ICLAB)

The management of IBA believes in creating meaningful collaboration between the industry and academia, so that all our programs are reflective of their true aspirations and needs. In order to ensure regular interaction with the corporate leaders, a high-level advisory board has been formed.



# Master of Business Administration (MBA) Executive

## Required courses

Section	Course category	Courses	Credit hours
A	Core courses	13	39
B	Capstone course (Corporate Strategy)	1	3
C	Research Project (equal to two courses)	2	6
D	Electives	8	24
<b>Total</b>		<b>24</b>	<b>72</b>

### Core courses

Semester - 1	Course code
Managerial Economics	ECO501
Managerial Communication & Negotiations	MGT503
Quantitative Methods for Decision Making	MTS506

Semester - 2	Course code
Financial Accounting and Information System	ACC506
Legal and Regulatory Environment of Business	LAW501
Marketing Management	MKT501
Elective-I	-

Semester - 3	Course code
Business Finance I	FIN506
Operations and Production Management	MGT510
Advanced and Applied Business Research	MKT505
Elective – II	-

Semester - 4	Course code
Global Economics and Political Environment	ECO517
Business Finance II	FIN507
Organizational Behavior and Leadership	MGT557
Elective – III	-

# Master of Business Administration (MBA) Executive

Semester - 5	Course code
Accounting for Decision Making	ACC505
Corporate Strategy	MGT541
Research Project part-I	-
Elective – IV	-

Semester - 6	Course code
Research Project Part-II	-
Elective V	-
Elective VI	-
Elective VII	-
Elective VIII	-

## List of electives

Course title	Course code
Analysis of Financial Statements	ACC561
Business Analytics and Decision Making	MTS500
Issues in Pakistan Economy	ECO544
Advance Corporate Finance	FIN501
Treasury and Financial Derivatives	FIN535
Corporate Investment Banking	FIN536
Islamic Finance	FIN559
Advance Portfolio Management	FIN563
Risk Management	FIN567
Financial Modeling	FIN574
Recruitment and Selection Techniques	HRM530
Leading the Change Process	HRM558
Performance and Compensation Management	HRM562
Training and Development	HRM571
Corporate Governance and Practices in Pakistan	LAW553
Strategic Human Resource Management	MGT512
Project Evaluation and Management	MGT531

# Master of Business Administration (MBA) Executive

## List of electives (Contd.)

Course title	Course code
Alternate Management	MGT560
Mobile Marketing Strategy	MIS553
Branding and Creative Corporate Communication	MKT506
Advanced Marketing Communications	MKT551
Entrepreneurial Management	MKT553
Dynamics of Distribution and Logistics	MKT557
Supply Chain Management	MKT559
Advanced Brand Management	MKT561
Digital Marketing	MKT563
Integrated Marketing Communication	MKT564
Social Media Marketing	MKT569
Strategic Sourcing and Negotiation Skills	MKT571
Retailing Management	MKT586
Services Marketing	MKT656
Advanced B2B Marketing	MKT658
Global Marketing Management	MKT659

Further electives can be included based on industry demand and participants' requirements.

## Schedule of Semester

Semester	From	To
Fall 2021	September 4, 2021	December 26, 2021
Spring 2022	January 1, 2022	April 17, 2022
Summer 2022	May 7, 2022	August 28, 2022

## Extracurricular activities

Extracurricular activities play a vital role in developing various skills such as time management and team building. Due to current pandemic situation in the year 2020 – 21, there were very limited activities outside the academia. However, the MBA Executive Program Office arranges various events to motivate participants to go outside the classrooms.

### Networking lunches

In this event class participants are invited during class breaks between 12:45pm – 2:00pm on Sundays. During the working lunch, participants and faculty interact in a candid environment.

## Guest speaker sessions

Corporate leaders and entrepreneurs are frequently invited to share their experience and success stories. Participants relate these stories with theories and take advantage from learned speakers.

## Sport events

Various sport events including cricket tournament are conducted.

## Student center

Participants are encouraged to take advantage of the IBA Student Center. The participants utilize the center and enjoy the various facilities of indoor and outdoor sports.

## Social drive

A social drive is carried out in every Ramzan. It is aimed to support the outsourced and underprivileged staff members. MBA Executive participants and faculty members actively participate in this cause and pay tribute to our blue-collar workers through distribution of food bags.



# **Master of Science (MS) Finance**

# Master of Science (MS) Finance

The MS Finance is a postgraduate program designed to provide a solid theoretical, as well as working knowledge of finance. This program is designed to prepare graduates for challenges in the global financial system by imparting comprehensive knowledge of finance and its multidisciplinary aspects. The program offers students, a unique opportunity to gain a comprehensive foundation and subsequent depth in the field. 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 few specifically designed applied courses. This program has two tracks; students who wish to take the corporate route will opt for a real-life project, while students with an academic route in mind will choose a thesis alongside their course work. Candidates need to obtain a total of 36 credit hours for the MS Finance program.

## Objectives

Key objectives of MS Finance program are as follows:

- To help students develop qualitative and quantitative analytical abilities that lead to effective decision making in the complex world of financial management.
- Exhibit in-depth understanding of key concepts of finance and their applications in global and local financial systems.
- Make well-informed decisions in various business and financial situations that lead to ethically sound and profitable results.
- Apply the knowledge they have gained to understand and resolve real-world business problems.
- Demonstrate advanced skills to predict and manage risk for businesses by collecting, interpreting and critically analyzing the financial data.

## Duration

Minimum duration: 18 months / 3 semesters

Maximum duration: 4 years

## Program structure and course requirements

Candidates need to obtain a total of 36 credit hours for MS Finance program. The course requirements are as follows:

S.No.	Course category	Courses	Credit hours
A	Core courses	7	21
B	Elective courses	3	9
C	Thesis/ Project <sup>1</sup>	1	6
	<b>Total</b>	<b>11</b>	<b>36</b>

<sup>1</sup>Project is for 3 credit hours. Students opting for a project need to take an additional course to fulfill the MS degree requirements. Furthermore, such students cannot use this MS degree to apply for a PhD program, as per HEC policy.

## Semester-wise sequence of courses

	Semester - 1	Course code	Credit hours	Pre-requisite
1	Corporate Finance	FIN 555	3	-
2	Financial Econometrics	FIN 569	3	-
3	Investments	FIN 511	3	-
4	Financial Analysis through Excel and VBA	FIN 516	3	-
5	Ethics and professional standards in Finance	FIN 505	3	-

	Semester - 2	Course code	Credit hours	Pre-requisite
1	Seminars in Finance	FIN 577	3	-
2	Financial Analysis through Stata and R	FIN 517	3	-
3	Area elective 1	-	-	-
4	General elective 1	-	-	-

	Semester - 3	Course code	Credit hours	Pre-requisite
1	Area elective 2	-	-	-
2	Thesis/project	-	-	-

# Master of Science (MS) Finance

## Core Courses

S.No.	Course title	Course code	Credit hours	Pre-requisite
1	Ethics and professional standards in Finance	FIN 505	3	-
2	Corporate Finance	FIN 555	3	-
3	Investments	FIN 511	3	-
4	Financial Econometrics	FIN 569	3	-
5	Seminars in Finance	FIN 577	3	-
6	Financial Analysis through Excel and VBA	FIN 516	3	-
7	Financial Analysis through Stata and R	FIN 517	3	-

## Electives

### Corporate Finance

	Course title	Course code	Credit hours	Pre-requisite
1	Mergers and Acquisitions	FIN 577	1.5	-
2	Project Finance and Public Private Infrastructure	FIN 555	1.5	-
3	International Finance	FIN 551	3	-
4	Applied Security Analysis and Financial Modelling	FIN 562	3	-

### Market Finance

	Course title	Course code	Credit hours	Pre-requisite
1	Empirical Asset Pricing	FIN 575	3	-
2	Derivatives and Risk Hedging	FIN 568	3	-
3	Mathematical Finance	FIN 578	3	-
4	Treasury and Fund Management	FIN 565	3	-

# Master of Science (MS) Finance

## General Electives

S.No.		Course code	Credit hours	Pre-requisite
1	Fintech and Financial Innovation	FIN 580	3	-
2	Behavioral Finance	FIN 598	3	-
3	Islamic Finance	FIN 559	3	-
4	Risk Management	FIN 562	3	-
5	Advanced Econometrics	STA 672	3	-
6	Python for Finance	FIN 582	3	-





**Master of Science (MS)  
Islamic Banking and Finance**

# Master of Science (MS) Islamic Banking and Finance

The MS Islamic Banking and Finance (MS IBF) is a 42 credit hours program to be completed in a minimum duration of 1.5-year and a maximum duration of 4 years as approved by the HEC. It is offered for fresh graduates from business and other disciplines, experienced practitioners as well as Shariah scholars. The program is designed to meet the growing needs of the Islamic Finance industry by providing theoretical and applied knowledge of Islamic Finance, Islamic Jurisprudence, Banking and Economics. Graduates of the program will have promising career prospects in academia and in the local and international Islamic Finance industry. The MS IBF program is open to both full time and working students.

## Requirements

The course requirements for MS Islamic Banking and Finance program are:

Course category	Credit hours	Courses
Core courses	27	9
Electives	9	3
Thesis/project*	6	-

\*Project is for 3 credit hours. Students opting for a project need to take an additional course to fulfill the MS degree requirements.



## Semester-wise sequence of courses

A sequence of the MS IBF courses is as follows:

	Semester - 1 (fall)	Course code	Credit hours	Pre-requisite
1	Business Economics	ECO509	3	-
2	Research Methodology in Economics and Finance	ECO536	3	-
3	Islamic Jurisprudence	FIN508	3	-
4	Financial Management	FIN510	3	-
	Semester - 2 (spring)	Course code	Credit hours	Pre-requisite
1	Islamic Economics	ECO510	3	-
2	Corporate Finance	FIN513	3	FIN510
3	Islamic Finance	FIN559	3	FIN508
4	Elective I	-	3	-
	Semester - 3 (fall)	Course code	Credit hours	Pre-requisite
1	Accounting and Auditing for Islamic Finance	ACC504	3	FIN508
2	Islamic Capital Markets	FIN511	3	-
3	Elective II	-	3	-
4	Elective III	-	3	-
	Semester - 4 (spring)	Course code	Credit hours	Pre-requisite
1	Research thesis	-	6	ECO536

## Important note

All MS IBF students joining in 2021 are required to take and pass the 9 core courses and electives mentioned above, as well as the 6-credit hours research thesis to graduate.

- The student will be given an option to take additional coursework with project paper, instead of Master's thesis.
- The following options are valid for students of the MS IBF program:
  - o Complete 6 Credit Hours of Master's thesis

OR

- o Complete 1 additional elective course and an MS research project in place of MS thesis. The grade on MS thesis and MS research project would be pass/fail and will not be counted in the CGPA
- Students must take a total of 3 electives to complete the requirements.
- Students propose thesis topic for their dissertation after the completion of the course work. Students are expected to finish their thesis in the final semester.
- MS IBF students may take up to 2 Finance related electives offered for other degree programs at IBA.

# Master of Science (MS) Islamic Banking and Finance

## Admission criteria and eligibility

Admissions to all programs at the IBA are granted purely based on merit and there are no reserved seats for any category. The criterion for admission is the performance of the candidate in the aptitude test and interview. The aptitude test is a written test on two subjects: English and Mathematics.

Candidates apply to IBA graduate programs online through the IBA website. To be eligible to apply for MS Islamic Banking and Finance program, applicants should have a minimum of 16 years of education/equivalent degree in any discipline recognized by the HEC. They should have a minimum of 2.5 CGPA out of 4.00 or 60% marks in their last degree. All equivalency claims are evaluated by the HEC. Experience is not a mandatory requirement for the MS IBF program. Candidates

awaiting their final results may also apply. In such cases, conditional admission may be awarded, pending the submission of required results before the commencement date of the classes. Candidates who clear the test are called for an interview. Only selected candidates after clearing the interview are awarded admission.

The MS IBF program opens for admissions once a year, for Fall (August) every academic year. Admissions commence online through the IBA website, between May to August, with classes commencing at the end of August.



# Master of Science (MS) Islamic Banking and Finance

## Electives

The electives offered for MS IBF students will be from the following courses:

S.No.	Course title	Course code	Credit hours	Pre-requisite
1	Islamic Insurance (Takaful)	FIN512	3	-
2	Investment Banking and Structuring Financial Requirements	FIN550	3	-
3	International Finance	FIN551	3	FIN510
4	Islamic Law of Contracts	FIN572	3	-
5	Islamic Treasury Operations	FIN651	3	-
6	Islamic Partnership Corporate and Securities Law	-	3	-
7	Islamic Wealth Planning and Management	-	3	-
8	Islamic Portfolio Management	-	3	-
9	Financial Services Marketing	-	3	-
10	Shariah Issues in Islamic Finance	-	3	-
11	Commercial Law and Legal Documentation for Islamic Financial Services	-	3	-
12	Islamic Entrepreneurship	-	3	-
13	Advanced Econometrics	-	3	FIN514
14	Ethics and Corporate Governance	-	3	-
15	Risk Management for IFIs	-	3	-

\* Pre-requisite not given indicates that these will be announced later, if any.



# Master of Science (MS) Islamic Banking and Finance

## Objectives of the program

- To promote awareness inspired by accurate knowledge about the principles and modes of Islamic Finance.
- To provide the local and global Islamic Finance industry with the trained human resource it needs to support its growth and meet its current challenges.
- To inculcate in future business leaders a spirit of social responsibility, and principles of ethics, governance, compliance and responsibility as per the teachings of Islam.
- To help develop leaders of the Islamic banking and finance industry of tomorrow to have in-depth knowledge of both finance and Shariah.
- To promote the objective of IBA as an institution that promotes thought leadership and uses knowledge and research to find solutions for the industry.

## MS IBF graduates possess abilities to

- Demonstrate in-depth knowledge about the principles, modes and applications of Banking, Finance, Economics, Islamic Finance, Islamic Capital Markets, Takaful, and relevant principles of Islamic Jurisprudence.
- Make well-informed decisions in various business situations, given the requirements, information and challenges that are profitable and ethically sound.
- Contribute to the industry-relevant research in the local and international Islamic Finance arena.
- Plan and implement different business functions in the Islamic Finance industry.
- Understand and explain the epistemological and legal foundations of the Islamic law as relevant in Islamic Finance awareness, teaching and industry.
- Lead a team of professionals on a given industry task according to the established targets.
- Demonstrate awareness and suggest practical solutions to

the current Islamic banking industry in terms of awareness, innovative solutions, FinTech, Shariah compliance, standardization, financial inclusion, greater risk sharing etc.

- Understand the process and principles behind making a firm or transaction Shariah compliant.
- Use their knowledge of Mathematics, Research, Finance, Economics, Islamic Finance and Fiqh to solve real-world business problems.

## Counseling

The Program Director and faculty for MS IBF program offers academic and career counseling to students to support them in their courses, thesis, and job hunt. Students also have access to trainings offered at the IBA.





# **Master of Science (MS) Management**

# Master of Science (MS) Management

The MS Management program is designed to prepare 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 specialization areas of Strategy and Organization, Operations Management and Entrepreneurship. This is complemented with developing research skills in both qualitative and quantitative domains. Students are introduced to various approaches, tools and techniques in research methods which enable them to tackle management related issues in a scientific manner. The program is aimed at challenging students intellectually and enabling them to make contributions towards the knowledge and practice of Management.

## Eligibility

In order to be eligible to apply, a candidate should have:

- 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 2.50 out of 4.00.

or

- 60% marks in their last degree. All equivalency claims shall be evaluated by the HEC. Experience is not mandatory for this program.

## Admission criteria

Admissions to all programs at the IBA are granted on merit and there are no reserved seats for any category. The criterion for admission is based on the applicant's performance in the aptitude test and interview. The aptitude test is a written test comprising of three sections: English, Mathematics and essay writing.

Candidates who have a minimum 650 score in the quantitative section of GRE (International) or 160 score in the quantitative section of Revised GRE (International) or 600 score in GMAT, are exempted from the IBA admission test. The candidates who pass the aptitude test qualify for the interview.

## Required courses

MS with thesis				
S.No.	Course category	Courses	Credit hours	Total
A	Program core	6	3	18
B	Area core/electives	4	3	12 per specialization
C	Foundation courses	7	3	Depending on student's requirement
D	Thesis	1	6	6
<b>Total</b>		<b>18</b>		<b>Total credit 36 (minimum)</b>

MS with project				
S.No.	Course category	Courses	Credit hours	Total
A	Program core	6	3	18
B	Area core/electives	5	3	15 per specialization
C	Foundation courses	7	3	Depending on student's requirement
D	Project	1	3	3
<b>Total</b>		<b>19</b>		<b>Total credit 36 (minimum)</b>

## Duration

1.5 - 4 years (full time/part time)

## Timings

Morning only

## Teaching/research assistant positions

Subject to availability, a limited number of teaching/research assistant positions are offered to MS students. These positions are offered on a competitive basis. Teaching/research assistant positions are offered to full-time students whose cumulative GPA is at least 3.00 and who are selected for available openings. Teaching/research assistants cannot be simultaneously employed elsewhere.

## A. Core courses

S.No	Course title	Course code	Credit hours
1	Foundations of Management and Organization	MGT511	3
2	Philosophy of Management and Organization	MGT514	3
3	Research and Practice of Operations Management	MGT515	3
4	Concepts in Entrepreneurship	MGT520	3
5	Organizational Research Methods	MGT601	3
6	Research Seminar in Strategy	MGT602	3

# Master of Science (MS) Management

## Graduation requirements

Minimum degree requirement is 36 credit hours. These include: 6 core courses + 2 area core + 2 electives = 30 credit hours + thesis/project = 6 credit hours.

Note: students with non-business academic background will be required to take additional courses from the foundation level courses.

## B. Area core courses

S.No.	Course title	Course code	Credit hours
1	Quantitative Research Methods	MGT523	3
2	Qualitative Research Methods	MGT524	3
3	Advanced Entrepreneurship	MGT527	3
4	Supply and Demand Management	MGT528	3
5	Organization Theory	MGT603	3
6	Research Seminar in International Management	MGT604	3
7	Innovation and Design	MGT605	3

## C. Elective courses

S.No.	Course title	Course code	Credit hours
1	Business Analytics	BUS501	3
2	Research in Organizational Behavior	MGT572	3
3	Alternative Management and Organization	MGT573	3
4	Modeling and Simulation	MGT574	3
5	Quality Management	MGT575	3
6	Pedagogy for Management	MGT576	3
7	Managing Social Entrepreneurship	MGT577	3

Note: Students with non-business academic background will have to take foundation level courses which may require them to spend an extra semester in the MS program.

## D. Foundation courses

S.No.	Course title	Course code	Credit hours
1	Principles of Microeconomics	ECO103	3
2	Principles of Macroeconomics	ECO104	3
3	Introduction to Business Finance	FIN201	3
4	Principles of Marketing	MKT201	3
5	Introduction to Statistics	MTS102	3
6	English Grammar and Composition	SSC101	3
7	Introduction to Psychology	SSC218	3
8	Fundamentals of Sociology	SSC231	3

A group of students wearing face masks are seated in a lecture hall with wood-paneled walls. They are looking towards the front of the room. The students are diverse in age and appearance, and many are wearing blue or green surgical masks. The room has a window on the right side, and the overall atmosphere is that of a formal academic setting.

## **SCHOOL OF ECONOMICS AND SOCIAL SCIENCES (SESS)**

- Bachelor of Science (BS) Economics
- Bachelor of Science (BS) Economics and Mathematics
- Bachelor of Science (BS) Social Sciences and Liberal Arts
- Master of Science (MS) Development Studies
- Master of Science (MS) Economics
- PhD (Economics)

# SCHOOL OF ECONOMICS AND SOCIAL SCIENCES (SESS)

The School of Economics and Social Sciences (SESS) is an amalgamation of the Department of Economics, the Department of Social Sciences and Liberal Arts (SSLA) and the Center for Business and Economic Research (CBER).

The SESS has a faculty comprising of seasoned academics, out of which 35 faculty members have PhDs. The Economics department's faculty employs diverse teaching and research methods in their scholarly work and is highly specialized in the fields of Development Economics, Applied Economics, Macroeconomics, Trade, Industrial Organisation and Labor Economics. Furthermore, the department's Economics Research Seminar Series (ERSS) provides researchers from around the world an integral platform for dialogue on a range of topics, along with an opportunity to present their latest work.

The department of Social Sciences and Liberal Arts prepares students in wide range of academic disciplines including Philosophy, History, Literature, Political Science, Urban Studies, Media Studies, Anthropology, and Journalism. The department conducts the Brown Bag Seminar Series monthly, in which faculty as well as students are encouraged to present their latest work. The series provides a great platform for young researchers to get feedback from senior faculty members.

The CBER at SESS presents an opportunity to faculty and researchers at IBA to develop creative solutions and provide policy recommendations for pressing global issues. Through CBER's projects and high international engagement, faculty and students from academic departments conduct research to stay up to date on innovative techniques and recent developments in their respective disciplines. The research center held its 1st International Conference in April this year and plans to hold many more.

## Dean's Message



Dr. Asma Hyder

The establishment of the School of Economics and Social Sciences (SESS) is an exciting time for the faculty, students, and researchers of the merged departments. As the Dean, I am committed to ensuring that the SESS programs are the best preparatory grounds for our students before entering the professional world.

All programs in Economics and Liberal Arts are led by highly qualified and seasoned faculty. Our curriculum and the school's scholarly environment encourages students to develop themselves as effective practitioners and scholars. The plethora of courses offered at the SESS allow students to develop comprehensive skills in reading, writing, quantitative thinking and research, thereby preparing students for various career paths and life-long learning.

The research conducted by SESS is on diverse topics. The Economics department is involved in impactful research on corporate governance, bonds and stock markets, economic growth, institutions, political economy, and sustainable development. Similarly, the Social Sciences department is ingrained in cutting-edge research on climate change, gender, urbanization, tourism, human behaviour and social psychology. One of our top goals is to include our students in research endeavours to provide them pathways to successful careers.

Finally, I welcome you all to join us in our endeavours to address some of society's most pressing challenges.

## Overview of departments

### Department of Economics

The Department enables its students to learn theory, empirical investigation and policy analysis. The classroom and on-campus experience help the students to be trained as modern-day Economists, Researchers, Policy Analysts, and Academics in national and international institutions.

Visit website: <https://economics.iba.edu.pk/>

### Department of Social Sciences and Liberal Arts

The Department adopts a multidisciplinary approach by offering majors in Psychology, Political Science, Media and Culture, and History. The students learn through theoretical and experiential knowledge.

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

### Center for Business and Economic Research (CBER)

CBER aims to provide an infrastructure to support the scholars in the fields of social sciences, business and humanities to conduct inter-disciplinary research that is rigorous and relevant. One of its main goals is to coordinate across research initiatives and develop connections both inside and outside Pakistan. The Center encourages researchers to venture beyond their disciplinary limits to arrive at fuller, more nuanced understandings of their research questions.

Visit website: <https://cber.iba.edu.pk>



# **Bachelor of Science (BS) Economics**

# Bachelor of Science (BS) Economics

Bachelor of Science (BS) Economics program is a 4-year degree program designed to give students a solid foundation in Economics. The program provides a well-coordinated curriculum and prepares the students for entry level positions in private and public sector corporations, development organizations, banks, education and research organizations. A wide range of courses offered in this program give students ample opportunities to broaden their knowledge base. The Economics research project in the 4th year enables students to apply the quantitative tools learned in the program to the economic and financial problems in the public and private sectors.

Curriculum structure	
Duration	4 years
Semesters	8
Courses	40
Research project	1
<b>Total credit hours</b>	<b>126</b>

## Required courses

Section	Course category	Courses	Credit hours
A	University core	4	12
B	Economics core courses	16	50
C	Economics elective courses	4	12
D	Supporting courses (Mathematics 3 and Statistics 2) (core)	5	15
E	Non-specialization courses (3 core + 8 electives)	11	33
F	Economics research project (core)	1	4
<b>Total</b>		<b>41</b>	<b>126</b>

## A. University core courses

Course title	Course code	Credit hours	Pre-requisite
Speech Communication	HUM201	3	-
English Grammar and Composition	SSC101	3	-
Pakistan History	SSC151	3	-
Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	SSC301 / HUM357	3	-

\*All Muslim students are required to register for SEPI. Non-Muslim students may take either SEPI or PLE.

# Bachelor of Science (BS) Economics

## B. Economics core courses

Course title	Course code	Credit hours	Pre-requisite
Principles of Microeconomics	ECO103	3	-
Principles of Macroeconomics	ECO104	3	-
Intermediate Microeconomics	ECO201	3	ECO103
Intermediate Macroeconomics	ECO202	3	ECO104
Development Economics	ECO301	3	ECO103/ECO104/ECO105
Data Analytics for Economists	ECO304	3	ECO203
Mathematical Economics	ECO303	3	MTS101/MTS104
Microeconomic Theory	ECO312	3	ECO201
Macroeconomic Theory	ECO313	3	ECO202
Applied Econometrics I	ECO343	4	MTS202
Applied Econometrics II	ECO344	4	ECO343
Major Issues in Pakistan Economy	ECO403	3	ECO203
Contemporary Issues in Global Economics	ECO404	3	EOC104/ECO105
Research Methods in Economics	ECO411	3	ECO343
International Trade or International Economics	ECO466/ECO305	3	ECO103, ECO104
History of Economic Thought	ECO467	3	ECO104/ECO105

## C. Economics elective courses

Students can select any four economics elective courses. Currently, following elective courses are being offered:

Course title	Course code	Credit hours	Pre-requisite
Public Economics	ECO401	3	ECO201
Public Finance	ECO451	3	ECO104/ECO105
Monetary Economics	ECO452	3	ECO202
Time Series Econometrics	ECO457	3	ECO343
Climate Change Economics	ECO458	3	ECO103
International Finance	ECO459	3	ECO103, ECO104
Natural Resource and Environmental Economics	ECO461	3	ECO201
Game Theory	ECO464	3	ECO201/ECO211
Health Economics	ECO471	3	ECO201
Labour Economics	ECO472	3	ECO201

# Bachelor of Science (BS) Economics

## D. Supporting courses (Mathematics and Statistics)

Course title	Course code	Credit hours	Pre-requisite
Calculus I	MTS101	3	-
Introduction to Statistics	MTS102	3	-
College Algebra*	MTS105	3	-
Statistical Inferences	MTS202	3	MTS102
Linear Algebra	MTS203	3	MTS104/MTS101
Calculus II	MTS113	3	MTS104/MTS101

\* College Algebra is a non-credit course and is offered only for those students who do not have a Mathematics background. Students will not be required to pay the fees for College Algebra.

## E. Non-specialization elective courses

Course title	Course code	Credit hours	Pre-requisite
Introduction to Computer Applications	MIS103	3	-
Essential Software	MTS111	3	-
Introduction to Academic Writing	SSC236	3	-
Non-specialization elective I	-	3	-
Non-specialization elective II	-	3	-
Non-specialization elective III	-	3	-
Non-specialization elective IV	-	3	-
Non-specialization elective V	-	3	-
Non-specialization elective VI	-	3	-
Non-specialization elective VII	-	3	-
Non-specialization elective VIII	-	3	-

## Non-specialization elective courses

Students can select 8 courses from any discipline other than Economics, including: Accounting, Finance, Marketing, Management, Social Sciences and Liberal Arts, Mathematics, Statistics, and Computer Science.

## F. Research project

Course title	Course code	Credit hours	Pre-requisite
Final Year Economics Project	ECO441	4	-

# Bachelor of Science (BS) Economics

## Semester-wise sequence of courses

Freshman	Semester - 1	Course code	Credit hours	Pre-requisite
1	Principles of Microeconomics	ECO103	3	-
2	Introduction to Computer Applications	MIS103	3	-
3	Introduction to Statistics	MTS102	3	-
4	Pakistan History	SSC151	3	-
5	English Grammar and Composition	SSC101	3	-
6	College Algebra*	MTS105	3	-
	Semester - 2	Course code	Credit hours	Pre-requisite
1	Principles of Macroeconomics	ECO104	3	-
2	Speech Communication	HUM201	3	-
3	Calculus I	MTS101	3	-
4	Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	SSC301/HUM357	3	-
5	Non-specialization elective I	-	3	-
Sophomore	Semester - 3	Course code	Credit hours	Pre-requisite
1	Intermediate Microeconomics	ECO201	3	ECO103
2	Linear Algebra	MTS203	3	MTS104/MTS101
3	Calculus II	MTS MTS113	3	MTS104/MTS101
4	Introduction to Academic Writing	SSC236	3	-
5	Non-specialization elective II	-	3	-
	Semester - 4	Course code	Credit hours	Pre-requisite
1	Intermediate Macroeconomics	ECO202	3	ECO104
2	Development Economics	ECO301	3	ECO103/ECO104/ECO105
3	Essential Software	MTS111	3	-
4	Statistical Inferences	MTS202	3	MTS102
5	Non-specialization elective III	-	3	-

# Bachelor of Science (BS) Economics

Junior	Semester - 5	Course code	Credit hours	Pre-requisite
1	Data Analytics for Economists	ECO304	3	MTS111, MTS202
2	Mathematical Economics	ECO303	3	MTS101/MTS104
3	Microeconomic Theory	ECO312	3	ECO201
4	Applied Econometrics I	ECO343	4	MTS202
5	Non-specialization elective IV	-	3	-
6	Personal Effectiveness ***	SSC240	-	-
	Semester - 6	Course code	Credit hours	Pre-requisite
1	Macroeconomic Theory	ECO313	3	ECO202
2	Applied Econometrics II	ECO344	4	ECO343
3	Major Issues in Pakistan Economy	ECO403	3	ECO203
4	International Trade or International Economics	ECO466/ECO305	3	ECO103, ECO104
5	Non-specialization elective V	-	3	-
Senior	Semester - 7	Course code	Credit hours	Pre-requisite
1	Research Methods for Economics	ECO411	3	ECO343
2	History of Economic Thought	ECO467	3	ECO104/ECO105
3	Economics elective I	ECO-	3	-
4	Economics elective II	ECO-	3	-
5	Non-specialization elective VI	-	3	-
6	Final Year Economics Project	ECO441	4	-
	Semester - 8	Course code	Credit hours	Pre-requisite
1	Contemporary Issues in Global Economics	ECO404	3	EOC104/ECO105
2	Economics elective III	ECO-	3	-
3	Economics elective IV	ECO-	3	-
4	Non-specialization elective VII	-	3	-
5	Non-specialization elective VIII	-	3	-

\* College Algebra is a non-credit course and is offered only for those students who do not have a Mathematics background. Students will not be required to pay the fees for College Algebra.

\*\*All Muslim students are required to register for SEPI. Non-Muslim students may take either SEPI or PLE.

\*\*\*Personal Effectiveness will be offered during either the 5th or 6th semester. This is a non-credit course and is a part of graduation requirement. It consists of five 2-hour workshops distributed over the whole semester.

**Note:**

- Students should complete their social internships after completing their 2nd semester at IBA and must fulfill this graduation requirement before the end of their 6th semester.
- Students should engage in their corporate internships after completing their 6th semester of the course work; preferably during the summer break.



# **Bachelor of Science (BS) Economics and Mathematics**

# Bachelor of Science (BS) Economics and Mathematics

BS Economics and Mathematics is a 4-year degree program that contains fundamental components of two fields of study: Economics and Mathematics. The program prepares the students for entry-level positions in private and public sectors, development organizations, banks, insurance companies, investment companies, education sector and research organizations. A wide range of courses offered in this program give students several opportunities to broaden their knowledge and expand their horizon. The final year project Economics/ Mathematics in the fourth year enables students to apply the quantitative tools learnt in the program to economic and financial problems in the public and private sectors.

Curriculum structure	
Duration	4 years
Semesters	8
Courses	40
Final year project Economics/ Mathematics	1
<b>Total credit hours</b>	<b>128</b>

## Required courses

Section	Course category	Courses	Credit hours
A	University core	4	12
B	Economics core courses	11	35
C	Economics electives	2	6
D	Mathematics core courses	11	35
E	Mathematics electives	2	6
F	Non-specialization courses (core-6 and electives-4)	10	30
G	Final year project Economics/ Mathematics	1	4
<b>Total</b>		<b>41</b>	<b>128</b>

## A. University core courses

Course title	Course code	Credit hours
Speech Communication	HUM201	3
English Grammar and Composition	SSC101	3
Pakistan History	SSC151	3
Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	SSC301 / HUM357	3

\*All Muslim students are required to register for SEPI. Non-Muslim students may take either SEPI or PLE.

# Bachelor of Science (BS) Economics and Mathematics

## B. Economics core courses

Course title	Course code	Credit hours	Pre-requisite
Principles of Microeconomics	ECO103	3	-
Principles of Macroeconomics	ECO104	3	-
Intermediate Microeconomics	ECO201	3	ECO103
Intermediate Macroeconomics	ECO202	3	ECO104
Development Economics	ECO301	3	ECO103/ECO104/ECO105
Microeconomic Theory	ECO312	3	ECO201
Macroeconomic Theory	ECO313	3	ECO202
Applied Econometrics I	ECO343	4	MTS202
Applied Econometrics II	ECO344	4	ECO343
Research Methods for Economics	ECO411	3	ECO343
International Trade or International Economics	ECO466/ECO305	3	ECO103, ECO104
Economics Elective I	ECO-	3	-
Economics Elective II	ECO-	3	-



# Bachelor of Science (BS) Economics and Mathematics

## C. Economics electives (2 to be selected from the following list)

Course title	Course code	Credit hours	Pre-requisite
Public Economics	ECO401	3	ECO201
Major Issues in Pakistan's Economy	ECO403	3	ECO203
Contemporary Issues in Global Economics	ECO404	3	EOC104/ECO105
Public Finance	ECO451	3	ECO104/ECO105
Monetary Economics	ECO452	3	ECO202
Time Series Econometrics	ECO457	3	ECO343
Climate Change Economics	ECO458	3	ECO103
International Finance	ECO459	3	ECO103, ECO104
Natural Recourse and Environmental economics	ECO461	3	ECO201
Game Theory	ECO464	3	ECO201/ECO211
History of Economic Thought	ECO467	3	ECO104/EOC105
Health Economics	ECO471	3	ECO201
Labour Economics	ECO472	3	ECO201

## D. Mathematics core course

Course title	Course code	Credit hours	Pre-requisite
Calculus-I	MTS101	3	-
Linear Algebra	MTS203	3	MTS101
Discrete Mathematics	MTS211	3	-
Calculus-II	MTS113	3	MTS101
Introduction to Differential Equations	MTS241	3	MTS101
Multivariable Calculus <sup>1</sup>	MTS242	4	MTS232
Stochastic Process	MTS304	3	MTS231
Optimization Techniques	MTS330	3	MTS203
Real Analysis I <sup>2</sup>	MTS341	4	MTS232
Probability and Statistical Models	MTS430	3	MTS231

# Bachelor of Science (BS) Economics and Mathematics

## D. Mathematics core course (Contd.)

Course title	Course code	Credit hours	Pre-requisite
Partial Differential Equations <sup>3</sup>	MTS436	3	MTS241
Mathematics elective I	MTS-	3	-
Mathematics elective II	MTS-	3	-

1. *Multivariable Calculus (MTS242) could be counted in place of Calculus III (MTS204) but vice-versa is not applicable.*

2. *Real Analysis I (MTS341) could be counted in place of Real Analysis (MTS301) but vice-versa is not applicable.*

3. *Partial Differential Equations (MTS436) is equivalent to Advance Differential Equations (MTS303).*

## E. Mathematics electives (2 to be selected from the following list)

Course title	Course code	Credit hours	Pre-requisite
Complex Analysis	MTS302	3	MTS341
Abstract Algebra I	MTS305	3	MTS203
Numerical Analysis	MTS306	3	MTS232
Functional Analysis I	MTS411	3	MTS341
Functional Analysis II	MTS412	3	MTS411
Abstract Algebra II	MTS413	3	MTS305
Numerical Solutions of PDE	MTS431	3	MTS414
Integral Equations	MTS432	3	MTS303
Advanced Numerical Analysis I	MTS433	3	MTS414
Advanced Numerical Analysis II	MTS434	3	MTS433
Differential Geometry	MTS435	3	MTS204, MTS203
Fluid Dynamics I	MTS437	3	-
Fluid Dynamics II	MTS438	3	-
Financial Mathematics with a computational approach	MTS441	3	-
Computational Finance	MTS442	3	-
Topology I	MTS451	3	MTS341
Scientific Computing for Linear PDE's	MTS414	3	MTS413
Modern Algebra I (Galois Theory and Application)	MTS443	3	MTS413

# Bachelor of Science (BS) Economics and Mathematics

## E. Mathematics electives (2 to be selected from the following list) Contd.

Course title	Course code	Credit hours	Pre-requisite
Modern Algebra II (Commutative Rings and Fields)	MTS444	3	MTS413
Measure Theory I	MTS445	3	-
Measure Theory II	MTS446	3	-
Operations Research I	MTS447	3	-
Operations Research II	MTS448	3	-
Introduction to Differential Topology	MTS452	3	MTS451
Financial Engineering	MTS453	3	MTS441

## F. Non-specialization courses

Course title	Course code	Credit hours	Pre-requisite
Foundations of Data Science	CSE306	3	-
Introduction to Statistics	MTS102	3	MTS105
Essential Software	MTS111	3	-
Statistical Inference	MTS202	3	MTS102
Probability Theory <sup>1</sup>	MTS231	3	MTS102
Introduction to Academic Writing	SSC236	3	-
Non-specialization elective-I	-	3	-
Non-specialization elective-II	-	-	-
Non-specialization elective-III	-	-	-
Non-specialization elective-IV	-	-	-

1 - Probability Theory (MTS231) is equivalent to Applied Probability Theory (MTS112).

Non-specialization electives: Four courses are to be chosen from courses other than Mathematics and Economics. These non-specialization electives may be from different subject areas including Accounting, Finance, Marketing, Management, Social Sciences and Liberal Arts, Computer Sciences, or any other field.

## G. Final year project Economics/ Mathematics

Course title	Course code	Credit hours	Pre-requisite
Final Year Economics Project or Final Year Mathematics Project	ECO441/MTS471	4	-

Note: Students can take either ECO441 or MTS471.

# Bachelor of Science (BS) Economics and Mathematics

## Semester-wise sequence of courses

Freshman	Semester - 1	Course code	Credit hours	Pre-requisite
1	Principles of Microeconomics	ECO103	3	-
2	Calculus I	MTS101	3	-
3	Introduction to Statistics	MTS102	3	-
4	English Grammar and Composition	SSC101	3	-
5	Pakistan History	SSC151	3	-
	Semester - 2	Course code	Credit hours	Pre-requisite
1	Principles of Macroeconomics	ECO104	3	-
2	Speech Communication	HUM201	3	-
3	Statistical Inference	MTS202	3	MTS102
4	Calculus II	MTS/MTS113	3	MTS101
5	Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	SSC301/HUM357	3	-
Sophomore	Semester - 3	Course code	Credit hours	Pre-requisite
1	Intermediate Microeconomics	ECO201	3	ECO103
2	Essential Software	MTS111	3	-
3	Discrete Mathematics	MTS211	3	-
4	Multivariable Calculus	MTS242	4	MTS232
5	Introduction to Academic Writing	SSC236	3	-
	Semester - 4	Course code	Credit hours	Pre-requisite
1	Foundations to Data Science	CSE306	3	-
2	Intermediate Macroeconomics	ECO202	3	ECO104
3	Development Economics	ECO301	3	ECO103/ECO104/EOC105
4	Linear Algebra	MTS203	3	MTS101
5	Probability Theory	MTS231	3	MTS102

# Bachelor of Science (BS) Economics and Mathematics

Junior	Semester - 5	Course code	Credit hours	Pre-requisite
1	Microeconomic Theory	ECO312	3	ECO201
2	Applied Econometrics I	ECO343	4	MTS202
3	Introduction to Differential Equations	MTS241	3	MTS101
4	Real Analysis I	MTS341	4	MTS232
5	Non-specialization elective I	-	3	-
6	Personal Effectiveness **	SSC240	-	-

	Semester - 6	Course code	Credit hours	Pre-requisite
1	Macroeconomic Theory	ECO313	3	ECO202
2	Applied Econometrics II	ECO344	4	EOC343
3	Stochastic Processes	MTS304	3	MTS231
4	Optimization Techniques	MTS330	3	MTS203
5	Non-specialization elective II	-	3	-

Senior	Semester - 7	Course code	Credit hours	Pre-requisite
1	Research Methods for Economics	ECO411	3	ECO343
2	Partial Differential Equations	MTS436	3	MTS241
3	Economics elective I	ECO-	3	-
4	Mathematics elective I	-	3	-
5	Non-specialization elective III	-	3	-
6	Final Year Economics Project or Final Year Mathematics Project	ECO 441/MTS 471	4	-

	Semester - 8	Course code	Credit hours	Pre-requisite
1	International Trade or International Economics	ECO466/ECO305	3	ECO103, ECO104
2	Probability and Statistical Models	MTS430	3	MTS231
3	Economics elective II	ECO-	3	-
4	Mathematics elective II	MTS-	3	-
5	Non-specialization elective IV	-	3	-

\*All Muslim students are required to register for SEPI. Non-Muslim students may take either SEPI or PLE.

\*\*Personal Effectiveness will be offered during either the 5th or 6th semester. This is a non-credit course and is a part of graduation requirement. It consists of five 2-hour workshops distributed over the whole semester.

**Note:**

- Students should complete their social internships after completing their 2nd semester at IBA and must fulfill this graduation requirement before the end of their 6th semester.
- Students should engage in their corporate internships after completing their 6th semester of the course work; preferably during the summer break.



**Bachelor of Science (BS)  
Social Sciences and Liberal Arts**

# Bachelor of Science (BS) Social Sciences and Liberal Arts

The Bachelor of Science (BS) in Social Sciences and Liberal Arts is a 4-year multidisciplinary undergraduate program with major offerings in Psychology, Political Science, Media and Culture, and History. The program is designed to not only impart the theoretical and experiential knowledge students need for their professional and academic endeavors but to also provide the tools they need to engage with an increasingly diverse and complex world. The IBA Karachi understands the importance of studying the Social Sciences and Humanities using interdisciplinary approaches that challenge epistemological boundaries while realizing underlying historical processes and socio-cultural contexts. To accomplish these goals, the program is structured to allow students to pick elective courses of their choosing from a wide variety of disciplines, while maintaining a specialized focus on their respective major fields.

Courses that comprise the Liberal Arts and Sciences component of the program, taken across all four years, introduce students to a range of academic disciplines including Philosophy, Literature, History, Visual Arts, Mathematics, Religion and Environmental Sciences. Through these courses, students will develop comprehensive foundational skills in both qualitative and quantitative thinking. The Culminating Experience in the final year of the program allows each student to carry out an original research project reflecting their own research interests and training. Students also choose a foreign language to study over a period of two semesters.

Curriculum structure	
Duration	4 years
Semesters	8
Courses	39
<b>Total credit hours</b>	<b>125</b>

## Required courses

Section	Course category	Courses	Credit hours
A	University core courses	4	12
B	Non-specialization courses	7	23
C	Supporting courses	9	28
D	Social Sciences core	7	21
E	Major core + electives	10	31
F	Culminating Experience	2	10
<b>Total</b>		<b>39</b>	<b>125</b>

## A. University core courses

Course title	Course code	Credit hours	Pre-requisite
Speech Communication	HUM201	3	-
English Grammar and Composition	SSC101	3	-
Pakistan History	SSC151	3	-
Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	SSC301 / HUM357	3	-

\*All Muslim students are required to register for SEPI. Non-Muslim students may take either SEPI or PLE.

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## B. Non-specialization courses

Course title	Course code	Credit hours	Pre-requisite
<b>Core (5)</b>			
Introduction to Statistics	MTS102	3	-
Calculus 1	MTS104	3	-
Intermediate English Grammar and Composition	SSC106	3	SSC101
Foreign Language I	SSC201/205/209/330	4	-
Foreign Language II	SSC202/206/210/331	4	SSC201/205/209/330
<b>Electives (2)**</b>			
Non-specialization elective I	-	-	-
Non-specialization elective II	-	-	-

\*\*Non-specialization electives can be from the Humanities list or courses offered by other departments/for other programs.

Note: All students must take both module (I and II) of the same language.

## C. Supporting courses

Course title	Course code	Credit hours	Pre-requisite
<b>Core (5)</b>			
Statistical Inference	MTS202	3	MTS102
South Asian History	SSC221	3	-
History of Ideas II	SSC238	3	SSC239
History of Ideas I	SSC239	3	-
Computational Research Methods	SSC302	4	MTS202
<b>Natural Science electives (1 from the following list)***</b>			
Are We Becoming Post-human? Technology, Society, Ethics	HUM377	3	-
An Introduction to the Philosophy of Mathematics	HUM382	3	-
Environmental Anthropology	HUM455	3	-
History of Science	NSC351	3	-
Introduction to Environmental Sciences	NSC354	3	-
Sustainable Cities and Communities	NSC358	3	-
An Introduction to the Philosophy of Physics	NSC359	3	-
Climate Change and Us	NSC360	3	-
Science and Medicine in Islamic Societies 700 – 1700	NSC361	3	-
Art and Science	NSC364	3	-
Social and Political History of Medicine	NSC 363	3	-

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## C. Supporting courses (Contd.)

Course title	Course code	Credit hours	Pre-requisite
<b>Visual Studies electives (1 from the following list)***</b>			
Empire and Vision: Between Production and Representation of South Asian Cities	HUM350	3	SSC216
Art of the Islamic World	HUM366	3	-
Intellectual and Cultural History of Muslim Spain	HUM368	3	SSC232
1947/1971: Interrogating Partitions, Narrative Selves	HUM371	3	-
Islamic Book Arts 1200-1800	HUM450	3	-
Screening the Body: Gender, Race and Nation in Visual Culture	HUM451	3	SSC216
Lights, Camera, History: Representations of Medieval South Asia in Bollywood	MCS350	3	SSC216
Race, Class, and Gender in Film and Television	MCS353	3	SSC216
Crime and Legality in Visual Cultures	MCS357	3	SSC216
Watching Films	MCS359	3	SSC216
Digital Activism and Democracy	MCS366	3	SSC216/217, POL/MCS301
The Western Travel Documentary in a Global Context	MCS370	3	SSC216
Ethnicities, Diaspora and the Media	MCS373	3	SSC216
Taking it Like a Man: American Masculinities in Visual Culture	MCS374	3	SSC216
Literary and Visual Cultures in a New Media Age	MCS375	3	SSC216
Parallel Cinema, Gender and Realism	MCS376	3	SSC216
Fundamentals of Design and Communication	MCS377	3	SSC216
Modern and Contemporary Women Visual Artists of Pakistan	HUM 391	3	-
<b>Humanities electives (2 from the following list)***</b>			
From Empires to Nation-States: A History of the Pre-20th Century World	HST301	3	SSC232
The Ottoman, Safavid, and Mughal Empires	HST354	3	-
An Introduction to Urdu Poetry and Poetics	HUM340	3	-
Freaks, Geeks and Monsters: Exploring the Role of the Other in Fiction	HUM341	3	SSC106
Reading Poetry	HUM352	3	SSC106
Anglo-Indian Narrative and the Postcolonial Subject	HUM355	3	SSC106
Philosophy, Logic and Ethics	HUM357	3	-
Creative Writing	HUM360	3	-
Borders and Boundaries: South Asian and Middle Eastern Feminist Fiction	HUM367	3	SSC106
Intellectual and Cultural History of Muslim Spain	HUM368	3	SSC232
The Making of the Mughal Empire: An Intellectual and Cultural History	HUM369	3	SSC221
From Ghalib to Bollywood	HUM370	3	-

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## C. Supporting courses (Contd.)

Course title	Course code	Credit hours	Pre-requisite
<b>Humanities electives (2 from the following list)***</b>			
Pakistani Poetry in English	HUM 389	3	-
Djinn in World Literature	HUM 390	3	-
Philosophy of Social Sciences	HUM 392	3	-
1947/1971: Interrogating Partitions, Narrative Selves	HUM371	3	-
History of Anthropological Thought	HUM372	3	SSC233
Introduction to Literary Modernism	HUM374	3	SSC106
A History of the Cold War	HUM376	3	-
Are We Becoming Post-Human? Technology, Society, Ethics	HUM377	3	-
A History of the Fable in its Greek, Arabic and Indic Traditions	HUM378	3	-
Don Quixote and its Andalusian Milieu	HUM379	3	-
Advanced Readings in Pakistan's History	HUM380	3	SSC151, SSC221
Sufis, Steppe Nomads and Silk Roads: A History of Islamic Central Asia	HUM381	3	SSC232, SSC221
An Introduction to the Philosophy of Mathematics	HUM382	3	-
Narrative and Identity in Pakistani Literature	HUM383	3	SSC106
The Persian Literary Culture of Lahore in the Ghaznavid Period (977-1186)	HUM384	3	SSC232, SSC221
A Textual Introduction to Rumi	HUM385	3	-
Unearthly Things and Sad Destinies: An Introduction to Literary Theory	HUM386	3	-
Sufism: A Social, Political and Economic History	HUM387	3	-
An Introduction to the Islamic Scholarly Tradition	HUM388	3	-
Ethnographic Theory and Practice	HUM452	3	SSC231/SSC233
Spirituality in Islam: Classical Texts and Themes	HUM453	3	-
Prophets in the Abrahamic Traditions	HUM454	3	-
Environmental Anthropology	HUM455	3	-
Evolution of Music in South Asia	HUM456	3	-
Ethnomusicology: Music and Culture	HUM457	3	SSC233
Female Friendship in World Literature	HUM458	3	-
Introduction to Feminist Theory	HUM459	3	SSC231
Food, Self and Society	HUM460	3	SSC231/SSC233
An Introduction to the Philosophy of Mind	HUM485	3	-
Gutenberg to Google: A Social History of Media	MCS302	3	SSC216
The City	HST358	3	-

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## C. Supporting courses (Contd.)

Course title	Course code	Credit hours	Pre-requisite
<b>Humanities electives (2 from the following list)***</b>			
Media, Law and Ethics	MCS352	3	SSC216
Analyzing the News	MCS355	3	SSC216
Journalism and Public Discourse	MCS371	3	SSC216
History of Political Thought	POL302	3	SSC217
Studying the City in the Global South: Planning, Politics and Development	POL360	3	SSC217
Pakistan's Foreign Policy	POL362	3	SSC217
Political Philosophy	POL364	3	SSC217
Culture and Power in Human Societies	POL366	3	SSC217, SSC233
Modern Political Ideologies: Liberalism, Socialism, Anarchism	POL371	3	SSC217
History, Theory and Practice of Diplomacy	POL373	3	SSC217
Perspectives in Pakistan's Political Economy	POL376	3	SSC217
Women's Issues and Activism in Pakistan	POL379	3	-
Transnational Islamic Politics in the Post-9/11 World	POL451	3	-
History of Economic Thought	SSC107	3	-
Major Themes in World History	SSC121	3	-
Advanced English Composition	SSC213	3	SSC106
Introduction to Linguistics	SSC235	3	-
Monsters, witches and mad women in world literature	HUM	3	-
Method and theory in the study of religion	HUM394	3	-
The Central Thesis	HUM395	3	-
Feminist Legal Theory and Practice	HUM396	3	-
Urdu Literature for Bilingual Students	HUM397	3	-

## D. Social Sciences core courses

Course title	Course code	Credit hours	Pre-requisite
Culture, Media, and Society	SSC216	3	-
Introduction to Political Science	SSC217	3	-
Introduction to Psychology	SSC218	3	-
Fundamentals of Sociology	SSC231	3	-
Introduction to Historical Methods	SSC232	3	-
Introduction to Social and Cultural Anthropology	SSC233	3	-
Introduction to Urban Studies	SSC234	3	-

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## E. Major core + electives

Course title	Course code	Credit hours	Pre-requisite
<b>Psychology</b>			
<b>Psychology core courses</b>			
Research Methods in Psychology	PSY301	4	SSC218
Human Development	PSY302	3	SSC218
History and Systems of Psychology	PSY304	3	SSC218
Introduction to Social Psychology	PSY351	3	SSC218
<b>Psychology electives (6 from the following list)***</b>			
Human Resource Management /Management and Human Resource	HRM401/HRM464	3	-
Organizational Behaviour /Management and Organizational Behaviour	MGT221/MGT231	3	-
Memory and Attention	PSY275	3	SSC218, PSY301
Consumer Psychology	PSY350	3	-
Industrial and Organizational Psychology	PSY352	3	SSC218, PSY301
Media Psychology	PSY353	3	SSC216/218, MCS/PSY301
Cognitive Psychology	PSY359	3	SSC218, PSY301
Abnormal Psychology	PSY362	3	SSC218, PSY301
Gender Psychology	PSY364	3	SSC218, PSY301
Counseling Psychology	PSY365	3	SSC218, PSY301
Cyber Psychology	PSY366	3	SSC218, PSY301
Personality Psychology	PSY367	3	SSC218, PSY301
Educational Psychology	PSY368	3	SSC218, PSY301
Positive Psychology	PSY369	3	SSC218, PSY301
Clinical Psychology	PSY370	3	SSC218, PSY301
Physiological Psychology	PSY371	3	SSC218, PSY301
Cross-Cultural Psychology	PSY372	3	SSC218, PSY301
Environmental Psychology	PSY373	3	SSC218, PSY301
Climate Change: Psychology of Denial, Impacts, and Adaptation	PSY374	3	SSC218, PSY301
Forensic and Criminal Psychology	PSY376	3	SSC218, PSY301

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## E. Major core + electives (Contd.)

Course title	Course code	Credit hours	Pre-requisite
<b>Political Science</b>			
<b>Political Science core courses</b>			
Research Methods in Political Science	POL301	4	SSC217
History of Political Thought	POL302	3	SSC217
Comparative Politics	POL303	3	SSC217
Political Systems and Political Regimes	POL402	3	SSC217
<b>Political Science electives (6 from the following list)***</b>			
Public Policy Analysis: Theory and Practice	ECO560	3	-
A History of the Cold War	HUM376	3	-
Advanced Readings in Pakistan's History	HUM380	3	SSC151, SSC221
Digital Activism and Democracy	MCS366	3	SSC216/217, POL/MCS301
Political Communication	MCS372	3	SSC216/217, POL/MCS301
Political Violence, Civil War, and Terrorism	POL350	3	SSC217, POL301
Political Psychology	POL351	3	SSC217/218, POL/PSY301
Foreign Policy in China	POL352	3	SSC217, POL301
An Introduction to Legal Theory	POL353	3	-
War: Conceptual Underpinnings	POL354	3	SSC217, POL301
Human Rights and Law	POL355	3	SSC217, POL301
The Modern Middle East	POL359	3	SSC217, POL301
Studying the City in the Global South: Planning, Politics and Development	POL360	3	SSC217
Pakistan's Foreign Policy	POL362	3	SSC217
Political Philosophy	POL364	3	SSC217
Introduction to Foreign Policy Analysis	POL365	3	SSC217
Culture and Power in Human Societies	POL366	3	SSC217, POL301
Global Urbanisms	POL367	3	SSC217, POL301
Politics in Colonial and Post-Colonial Punjab	POL370	3	SSC217, POL301
Modern Political Ideologies: Liberalism, Socialism, Anarchism	POL371	3	SSC217
Negotiation and Conflict Resolution	POL372	3	SSC217, POL301
History, Theory and Practice of Diplomacy	POL373	3	SSC217
Community Planning and Development	POL374	3	SSC217, POL301
Feminist Legal Theory and Practice	HUM396	3	-

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## E. Major core + electives (Contd.)

Course title	Course code	Credit hours	Pre-requisite
<b>Political Science electives (6 from the following list)***</b>			
History of Decolonization	POL375	3	SSC217, POL301
Perspectives in Pakistan's Political Economy	POL376	3	SSC217
Politics of Resistance in the Middle East	POL377	3	SSC217, POL301
China's Contemporary Security Environment	POL378	3	SSC217, POL301
Women's Issues and Activism in Pakistan	POL379	3	-
Winners, Losers, and Bystanders: Political Economy Perspectives on Global Changes	POL450	3	SSC217, POL301
Transnational Islamic Politics in the Post-9/11 World	POL451	3	-
<b>Media and Culture</b>			
<b>Media and Culture core courses</b>			
Critical Theories and Methods	MCS301	4	SSC216
Media Aesthetics and History: Film, TV and Digital Media	MCS302	3	SSC216
Critical Media Practice I: Digital Image, Sound, and Story	MCS303	3	SSC216
Critical Media Practice II: Multimodal Publication and Design	MCS401	3	SSC216
<b>Media and Culture electives (6 from the following list)***</b>			
Media, Law, and Ethics	MCS352	3	SSC216
Race, Class, and Gender in Film and Television	MCS353	3	SSC216
The International Newsroom	MCS354	3	SSC216
Analyzing the News	MCS355	3	SSC216
Crime and Legality in Visual Cultures	MCS357	3	SSC216
Journalism Essentials for Business: Visibility in the Age of New Media	MCS358	3	-
Watching Films	MCS359	3	SSC216
History of Film	MCS360	3	SSC216
Foundations of Screenwriting	MCS364	3	-
Digital Activism and Democracy	MCS366	3	SSC216/217, POL/MCS301
Media Anthropology	MCS368	3	SSC216, MCS301
The Western Travel Documentary in a Global Context	MCS370	3	SSC216
Journalism and Public Discourse	MCS371	3	SSC216
Political Communication	MCS372	3	SSC216/217, POL/MCS301
Ethnicities, Diaspora and the Media	MCS373	3	SSC216
Taking it Like a Man: American Masculinities in Visual Culture	MCS374	3	SSC216

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## E. Major core + electives (Contd.)

Course title	Course code	Credit hours	Pre-requisite
<b>Media and Culture electives (6 from the following list)***</b>			
Literary and Visual Cultures in a New Media Age	MCS375	3	SSC216
Parallel Cinema, Gender and Realism	MCS376	3	SSC216
Fundamentals of Design and Communication	MCS377	3	SSC216
Karachi in the Media	MCS378	3	SSC216
Fan Studies: Theory and Practice	MCS379	3	SSC216
Feminism Technology and Media	MCS 380	3	-
Social Media Marketing	MKT569	3	-
Media Psychology	PSY353	3	SSC216/218, MCS/PSY301
Cultural Globalization and Media	MCS450	3	
Print, Identity and the Public Sphere:Urdu in early colonial north India	HST357	3	
Monsters, witches and mad women in world literature	HUM	3	
<b>History</b>			
<b>History core courses</b>			
From Empires to Nation-States: A History of the Pre-20th Century World	HST301	3	SSC232
Topics in Historiography	HST302	3	SSC232
Twentieth Century Global History	HST303	3	SSC232
Research Methods in History: Primary Source Genres	HST304	4	SSC232
<b>History Electives (6 from the following list)***</b>			
A History of the Indian Ocean World	HST351	3	SSC232
Historiography of Early Islam	HST352	3	SSC232
Ecological History	HST353	3	SSC232
The Ottoman, Safavid, and Mughal Empires	HST354	3	-
Intellectual and Cultural History of Muslim Spain	HUM368	3	SSC232
The Making of the Mughal Empire: An Intellectual and Cultural History	HUM369	3	SSC221
1947/1971: Interrogating Partitions, Narrative Selves	HUM371	3	-
A History of the Cold War	HUM376/ HST356	3	-
A History of the Fable in its Greek, Arabic and Indic Traditions	HUM378	3	-
Don Quixote and its Andalusian Milieu	HUM379	3	-
Advanced Readings in Pakistan's History	HUM380	3	SSC151, SS221
Sufis, Steppe Nomads and Silk Roads: A History of Islamic Central Asia	HUM381	3	SSC232, SSC221
The Persian Literary Culture of Lahore in the Ghaznavid Period (977-1186)	HUM384	3	SSC232, SSC221
Sufism: A Social, Political and Economic History	HUM387	3	-
Print, Identity and the Public Sphere:Urdu in early colonial north India	HST357	3	

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## E. Major core + electives (Contd.)

Course title	Course code	Credit hours	Pre-requisite
<b>History Electives (6 from the following list)***</b>			
Lights, Camera, History: Representations of Medieval South Asia in Bollywood	MCS350	3	SSC216
History of Science	NSC351	3	-
Science and Medicine in Islamic Societies 700 – 1700	NSC361	3	-
History of Political Thought	POL302	3	SSC217
Politics in Colonial and Post-Colonial Punjab	POL370	3	SSC217, POL301
History of Decolonization	POL375	3	SSC217, POL301
Major Themes in World History	SSC121	3	-
Labour, Capital and Colonialism: The making of modern South Asia	HST 355	3	SSC232

\*\*\*Not all electives listed will be offered in any given academic year.

## F. Culminating experience

Course title	Course code	Credit hours	Pre-requisite
Culminating Experience-I	SSC491	4	PSY/MCS/POL301
Culminating Experience-II	SSC492	6	SSC491

## Semester-wise sequence of courses

Freshman	Semester - 1	Course code	Credit hours	Pre-requisite
1	Calculus 1	MTS104	3	-
2	English Grammar and Composition	SSC101	3	-
3	Fundamentals of Sociology	SSC231	3	-
4	Introduction to Historical Methods	SSC232	3	-
5	History of Ideas-I	SSC239	3	-
	Semester - 2	Course code	Credit hours	Pre-requisite
1	Introduction to Statistics	MTS102	3	-
2	Intermediate English Grammar and Composition	SSC106	3	SSC101
3	Introduction to Psychology	SSC218	3	-
4	South Asian History	SSC221	3	-
5	History of Ideas-II	SSC238	3	SSC239
Sophomore	Semester - 3	Course code	Credit hours	Pre-requisite
1	Speech Communication	HUM201	3	-
2	Statistical Inference	MTS202	3	MTS102
3	Pakistan History	SSC151	3	-
4	Foreign Language-I	SSC201/205/209/330	4	-
5	Introduction to Social and Cultural Anthropology	SSC233	3	-

# Bachelor of Science (BS) Social Sciences and Liberal Arts

## Semester-wise sequence of courses

Semester - 4		Course code	Credit hours	Pre-requisite
1	Foreign Language II	SS202/206/210/331	4	SSC201/205/209/330
2	Culture, Media, Society	SSC216	3	-
3	Introduction to Political Science	SSC217	3	-
4	Introduction to Urban Studies	SSC234	3	-
5	Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	SSC301/HUM357	3	-
Summer	6-week responsible citizen initiative - no credit	-	-	-
Junior		Course code	Credit hours	Pre-requisite
Semester - 5				
1	Major Core I	-	3	-
2	Major Core -II	-	3	-
3	Humanities elective-I	-	3	-
4	Natural Science elective	-	3	-
5	Computational Research Methods	SSC302	4	MTS202
Semester - 6		Course code	Credit hours	Pre-requisite
Semester - 6				
1	Major core-III	-	3	-
2	Major core-IV Research Methods	PSY/MCS/POL301	4	-
3	Major elective-I	-	3	-
4	Non-specialization elective-I	-	3	-
5	Visual Studies elective	-	3	-
Summer	8-week summer research internship - no credit	-	-	-
Senior		Course code	Credit hours	Pre-requisite
Semester - 7				
Semester - 7				
1	Major elective-II	-	3	-
2	Major elective-III	-	3	-
3	Major elective-IV	-	3	-
4	Non-specialization elective-II	-	3	-
5	Culminating Experience-I	SSC491	4	PSY/MCS/POL301
Semester - 8		Course code	Credit hours	Pre-requisite
Semester - 8				
Semester - 8				
1	Major elective-V	-	3	-
2	Major elective-VI	-	3	-
3	Humanities elective-II	-	3	-
4	Culminating Experience-II	SSC492	6	SSC491

### Note

- Students should complete their responsible citizen initiative after completing their 2nd semester at IBA and must fulfill this graduation requirement before the end of their 6th semester.
- Students should engage their Social Sciences research internships during their 3rd summer of enrollment, i.e. after completing their 6th semester of the course work.



# **Master of Science (MS) Development Studies**

# Master of Science (MS) Development Studies

MS Development Studies (Dev. 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. Development Studies is also a policy debate that considers the specificity of societies in terms of history, ecology, culture, technology, politics etc. and 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.

MS Dev. Studies provides high-quality and rigorous training needed to understand the methods, policy, and practices of development. The program offers a solid multi-disciplinary social science formation in theory, quantitative methods and applications employed in various fields of development. The Department of Economics and Department of Social Sciences & Liberal Arts jointly offer the program.

This program emphasizes on understanding the historical perspectives and recent advances in development and caters to the growing market for analysts and policymakers. Graduates from this program will be prepared for careers in research institutions, government entities, development agencies, international organizations, and policy-related think tanks.

## Learning Objectives

- Engage students in exploring critical topics of development theory and practice, in order to link historical perspectives with recent advancements in development.
- Equip students with the knowledge, skills and analytical tools required for a career in the field of development.
- Prepare students to lead the future debates in development

across various aspects of society, and regional levels.

- Train, and empower, students to serve as agents of change in local communities.

## Distinguishing Features

- At IBA, the quality of faculty, highly developed infrastructure, and variety of departments provide for an excellent platform to fulfill the objectives of the program.
- The applied field study module will be a unique experience for the students to understand development in general, and in Pakistan's context too.
- The course is geared towards leading future debates, critical thinking, and existential issues dealing with the idea of development in the 21st century.

## Eligibility

Applicant must have completed minimum of 16-years of education, including last 4 years of education from an HEC recognized university/institute. Prior knowledge or understanding of social science and/or mathematics will be advantageous, however the course is designed to cater to all other disciplines. 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.

## Admission Criteria

Admissions to all programs at the IBA are granted on merit, and there are no reserved seats of any category. The criterion for admission is the performance of the applicant in aptitude test

and interview. The aptitude test is a written test made up of three sections: Verbal, Quantitative, and Analytical Writing.

Applicants who have a minimum score of 160 in Quantitative section and 150 in Verbal section of the revised GRE (International) are exempted from the IBA admission test. Only those who pass the aptitude test qualify for the interview.

## Duration

The program is designed for 2 years, however the maximum time allowed to complete the degree is 4 years. Students will only be admitted as full-time during the coursework. Classes will be scheduled any day from Monday to Saturday between 9am and 9pm.

## Course Requirements

MS courses: 24 credit hours (8 courses) for students who are exempted from foundation courses and up to 30 credit hours (10 courses) for students who take foundation courses.

The interview panel at the time of admission will decide which students are exempted from taking foundation courses.

MS thesis: 6 credit hours. Students who do not wish to opt for writing thesis can replace it with a MS Project (3 units) and an additional course of 3 credit hours.



## Distribution of Credits Hours

Course category	Courses	Credit hours
Foundation courses <sup>1</sup>	2	0
Core courses	4	12
Elective courses	4	12
MS Thesis <sup>2</sup>	1	6
<b>Total</b>	<b>13</b>	<b>30</b>

*Interview panel will decide which foundation courses are exempted/recommended.  
MS Thesis may be replaced with project along with an additional course of three credit hours.*

# Master of Science (MS) Development Studies

## Course Category

Foundation courses*	Course code	Credit hours	Pre-requisite
Analytical Tools in Development	DEV531	3	-
Theories and Concepts in Economics	DEV532	3	-
Core courses	Course code	Credit hours	Pre-requisite
Theories and Critical Approaches in Development	DEV533	3	-
Anthropology & Development	DEV534	3	-
Policy Analysis: Theory & Practice	DEV535	3	-
Research Methods in Development	DEV536	3	-
Elective Courses	Course code	Credit hours	Pre-requisite
Elective I	-	3	-
Elective II	-	3	-
Elective III	-	3	-
Elective IV	-	3	-
Thesis	Course code	Credit hours	Pre-requisite
MS thesis*	DEV591	6	-

\*The grade on MS thesis and MS research project would be pass/fail and will not be counted in the CGPA.



# Master of Science (MS) Development Studies

## Semester-wise offerings of the courses

Students exempted from two foundation courses			Other Students		
<b>S.No.</b>	<b>Semester 1 - Fall</b>	<b>Course code</b>	<b>S.No.</b>	<b>Semester 1 - Fall</b>	<b>Course code</b>
1	Theories and Critical Approaches in Development	DEV533	1	Analytical Tools in Development	DEV531
2	Anthropology & Development	DEV534	2	Theories and Concepts in Economics	DEV532
3	Elective I	DEV 566	3	Theories and Critical Approaches in Development	DEV533
4	Elective II	DEV 551	4	Anthropology & Development	DEV534
<b>S.No.</b>	<b>Semester 2 - Spring</b>	<b>Course code</b>	<b>S.No.</b>	<b>Semester 2 - Spring</b>	<b>Course code</b>
1	Policy Analysis: Theory & Practice	DEV535	1	Policy Analysis: Theory & Practice	DEV535
2	Research Methods in Development	DEV536	2	Research Methods in Development	DEV536
3	Elective III		3	Elective I	
	Elective IV		4	Elective II	
<b>S.No.</b>	<b>Semester 3 - Fall</b>	<b>Course code</b>	<b>S.No.</b>	<b>Semester 3 - Fall / Semester 4 - Spring</b>	<b>Course code</b>
1	MS Thesis		1	MS Thesis along with Elective III and Elective IV	

*\*End of Year 1 – Summer: - Students will choose an area of interest, broad research topic & a potential supervisor for their research and must have it approved from the relevant department before the start of the next Fall semester.*

*- Applied field study module (zero credit hours but compulsory).*

*\*\*End of Year 2 – Summer: Thesis must be completed by end of summer for eligibility towards graduation.*



# Master of Science (MS) Development Studies

## List of electives

Course category	Course title	Course code	Credit hours
Physical resources	Conflict Studies	DEV551	3
	Agrarian Development, Food Policy & Rural Poverty	DEV552	3
	Environment, Climate Change and Sustainability	DEV553	3
	Cities & Urban Development	DEV554	3
	Data Science and Development	DEV555	3
	Entrepreneurship in Development	DEV556	3
Human resources	Gender Studies	DEV561	3
	Migration and Mobility	DEV562	3
	Poverty and Inequality	DEV563	3
	Population Studies	DEV564	3
	Health & Development	DEV565	3
	Labor and Social Movements	DEV566	3
	Political Ecology	DEV567	3
	Leadership in Development	DEV568	3
Society & Economy	Public Financial Management	DEV571	3
	Aid & Development	DEV572	3
	Technology, Culture and Development	DEV573	3
	Communication and Social Change	DEV574	3
	Decolonizing methods	DEV575	3
	Nature of Inquiry and Survey Design	DEV576	3
	Media, Communication and Development	DEV577	3



# **Master of Science (MS) Economics**

# Master of Science (MS) Economics

The MS Economics 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. The curriculum of this program has been designed to meet international standards.

This program emphasizes on applied economics and caters to the growing market for economic analysts. Graduates from this program will be able to teach and conduct quality research in the fields of their interest and will be prepared for careers in universities, research organizations, business enterprises, government organizations and multinational companies.

## Eligibility

A minimum of 16 years of education out of which the last 4 years of education should be from an HEC recognized university/institute, with a minimum CGPA of 2.5 out of 4.0 or 60% marks in the last degree. All equivalency claims shall be evaluated by HEC. Experience is not a mandatory requirement for admission in this program.

## Admission criteria

Admissions to all programs at the IBA are granted on merit and there are no reserved seats of any category. The criterion for admission is the performance of the applicant in aptitude test and interview. The aptitude test is a written test on three subjects: English, Mathematics and Economics.

Candidates who have a minimum score of 650 in the quantitative section of GRE (International) or a score of 160 in quantitative

section of revised GRE (International) are exempted from the IBA admission test. The candidates who pass the aptitude test qualify for the interview.

## Duration

2 years

Maximum time allowed:

- 4 years for full time students
- 7 years for part time students

## Class timings

MS Economics is offered for full-time students as well as for part-time students. Classes in MS Economics are scheduled in evenings (6:00-9:00 pm) on weekdays and any time (between 9:00 am - 9:00 pm) on Saturdays.

## Teaching/research assistant positions

Teaching/research assistant positions are available in the department for full time MS students. These positions are offered only to those students who maintain a cumulative GPA of 3.00 in each semester in the MS program. Teaching/research assistants must not work elsewhere. This opportunity will be available for maximum two years.

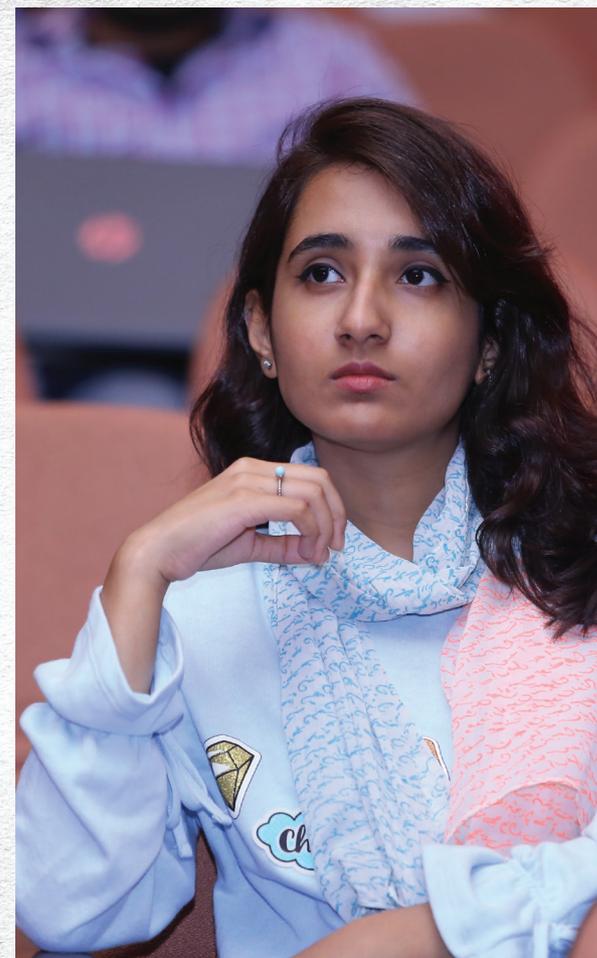
## Requirements for MS (Economics)

Course requirements are given as:

MS courses: 36 credit hours (12 courses)

MS thesis: 6 credit hours

For further details, please visit: [economics.iba.edu.pk](http://economics.iba.edu.pk)



## Required courses

Course category	Courses	Credit hours
Foundation courses*	4	12
Core courses	6	18
Elective courses	2	6
Thesis	1	6
<b>Total</b>	<b>13</b>	<b>42</b>

# Master of Science (MS) Economics

Foundation courses *	Course code	Credit hours	Pre-requisite
Microeconomic Theory I	ECO531	3	-
Macroeconomic Theory I	ECO532	3	-
Mathematics for Economists	ECO533	3	-
Mathematical Statistics and Linear Algebra	MTS536	3	-
Core and elective courses	Course code	Credit hours	Pre-requisite
Development Economics	ECO534	3	ECO531
Econometrics I	ECO537	3	MTS536
Econometrics II	ECO538	3	ECO537
Research Methodology	ECO591	3	ECO537
Microeconomic Theory II	ECO631	3	ECO531
Macroeconomic Theory II	ECO632	3	ECO532
Elective I	-	3	-
Elective II	-	3	-
Thesis	Course code	Credit hours	Pre-requisite
MS thesis**	ECO697	6	-

\*BS Economics and BS Economics and Mathematics graduates from IBA are exempted from the 4 foundation courses. Thus, they will be required to complete 30 credit hours (8 courses of 24 credit hours and a thesis for 6 credit hours). For other candidates, the interview panel will decide which foundation courses are exempted.

\*\*Students have option to take 1 additional elective course and an MS research project (ECO698) in place of MS thesis. The grade on MS thesis and MS research project would be pass/fail and will not be counted in the CGPA.



# Master of Science (MS) Economics

Students exempted from four foundation courses			Other Students		
<b>S.No.</b>	<b>Semester 1 - Fall</b>	<b>Course code</b>	<b>S.No.</b>	<b>Semester 1 - Fall</b>	<b>Course code</b>
1	Development Economics	EC0534	1	Microeconomic Theory I	EC0531
2	Research Methodology	EC0591	2	Macroeconomic Theory I	EC0532
3	Macroeconomic Theory II	EC0632	3	Mathematics for Economists	EC0533
4	Elective I	-	4	Mathematical Statistics and Linear Algebra	MTS536
<b>S.No.</b>	<b>Semester 2 - Spring</b>	<b>Course code</b>	<b>S.No.</b>	<b>Semester 2 - Spring</b>	<b>Course code</b>
1	Econometrics I	EC0537	1	Econometrics I	EC0537
2	Microeconomic Theory II	EC0631	2	Microeconomic Theory II	EC0631
3	Elective II	-	3	Elective I	-
-	-	-	4	Elective II	-
<b>S.No.</b>	<b>Semester 3 - Fall</b>	<b>Course code</b>	<b>S.No.</b>	<b>Semester 3 - Fall</b>	<b>Course code</b>
1	Econometrics II	EC0538	1	Development Economics	EC0534
2	MS Thesis	EC0697	2	Econometrics II	EC0538
			3	Research Methodology	EC0591
			4	Macroeconomic Theory II	EC0632
			<b>S.No.</b>	<b>Semester 4 - Spring</b>	<b>Course code</b>
			1	MS Thesis	EC0697

\*BS Economics and BS Economics and Mathematics graduates from IBA are exempted from the 4 foundation courses. Thus, they will be required to complete 30 credit hours (8 courses of 24 credit hours and a thesis of 6 credit hours). For other candidates, the interview panel will decide which foundation courses are exempted.

## Courses offered in Fall and Spring semesters

Courses offered in Fall semester	Course code	Courses Offered in Spring semester	Course code
Microeconomic Theory I	EC0531	Econometrics I	EC0537
Macroeconomic Theory I	EC0532	Microeconomic Theory II	EC0631
Mathematics for Economists	EC0533	Two elective courses	
Development Economics	EC0534		
Mathematical Statistics and Linear Algebra	MTS536		
Econometrics II	EC0538		
Research Methodology	EC0591		
Macroeconomic Theory II	EC0632		
One elective course	-		

# Master of Science (MS) Economics

## List of electives

Course title	Course code	Credit hours	Pre-requisite
Combinatorial Optimization	CSE654	3	
International Trade	EC0539	3	EC0531
Issues in Pakistan Economy	EC0544	3	EC0532
Climate Change Economics	EC0551	3	EC0531
Behavioural Economics	EC0554	3	EC0531
Economic Forecasting	EC0555	3	MTS536
Public Policy Analysis: Theory and Practice	EC0560	3	EC0531/EC0501
Environmental and Resource Economics	EC0561	3	EC0531
Financial Economics	EC0562	3	EC0531
Health Economics	EC0563	3	EC0531
History of Economic Thought	EC0564	3	EC0532
Monetary Economics	EC0566	3	EC0532
Public Economics	EC0567	3	EC0531
Time Series Modelling	EC0570	3	MTS5366
Industrial Economics	EC0571	3	EC0531
Game theory and Competitive Strategy	EC0573	3	EC0531/EC0501
Water Economics and Policy	EC0574	3	EC0531/EC0501
Microeconomics of Public Policy Analysis	EC0575	3	EC0531/EC0501
Social Impact Evaluation	EC0577	3	EC0531/EC0501
Behavioural and Experimental Economics	EC0578	3	EC0531
Labour Economics	EC0654	3	EC0531
Machine Learning Methods	EC0580	3	MTS536



# PhD Economics

# PhD Economics

PhD Economics 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 in public and private sectors. PhD Economics emphasizes on Applied Economics and caters to the growing market for Economic analysts. The curriculum of this program has been designed to meet international standards and the students will find the program to be intellectually challenging and personally rewarding. Graduates from this program will be able to teach and conduct quality research in the fields of their interest, and will be prepared for careers in universities, research organizations, business enterprises, government organizations and multinational companies.

## Duration

Duration of the program is 4 years. The maximum time allowed is 8 years.

## Eligibility

MS/MPhil or equivalent degree in Economics or related discipline from HEC recognized universities/institutes with minimum CGPA of 3 out of 4 or 60% marks in the last degree. All equivalency claims shall be evaluated by HEC. Experience is not mandatory for admission to the PhD program. IBA also allows those candidates to apply for admission whose final results have not been announced. The admission may be conditional to the pending submission of the required results before the date of commencement of classes.

## List of core and elective courses

### Fall Semester

Course Title	Course code	Credit hours	Pre-requisite
Topics in Microeconomic Theory	ECO644	4	-
Topics in Macroeconomic Theory	ECO645	4	-
Econometric Analysis	ECO646	4	-

## Admission criteria

Admissions to all programs at the IBA are granted on merit and there are no reserved seats for any category. The criterion for admission is the performance of the applicants in the admission test and interview.

There are three options for admission test:

- International GRE subject test (60% Percentile Score)
- HEC required GAT subject test (60% marks required for eligibility)
- The IBA's test. This admission test is a written test on three subjects: English, Mathematics and Economics. All those admitted with IBA test will have to clear the international GRE or HEC required GAT subject test within one year of their study at IBA. The candidates who pass the admission test qualify for the interview. Candidates are required to submit a short research proposal at the time of interview as well along with two recommendation letters.

## Comprehensive examinations

A comprehensive examination will consist of microeconomics and macroeconomics. In case of failing in one part of the examination, the candidate will have to give the complete comprehensive examination again. Students will be allowed two attempts to qualify for the comprehensive examination. Students are, however, expected to pass it within two years from the commencement of the PhD program.

## Oral defense of dissertation proposal

At the end of the 2nd year, students are expected to present and defend their PhD dissertation proposal.

## Dissertation defense

Students are expected to submit and defend their dissertation in two years after successful completion of their course work.

## Teaching/research assistant positions

PhD program is a fulltime morning program. IBA will offer Teaching/research assistant positions to PhD students along with a tuition fee waiver. Teaching/research assistants must not work elsewhere. A PhD student has to spend at least the first two years of the degree at the IBA as a full-time student. The provision of stipend will be conditional on satisfactory performance of students. Maximum duration of the stipends will be six years.

## Major areas of specialization (electives)

- Macroeconomic modeling and policy analysis
- Labor Economics
- Development Economics
- Environmental Economics
- Climate Change Economics
- Financial Economics
- Industrial Organization
- Monetary Economics
- Public Finance
- Behavioral and Experimental Economics
- International Finance
- International Trade

For further details, visit: [www.economics.iba.edu.pk](http://www.economics.iba.edu.pk)

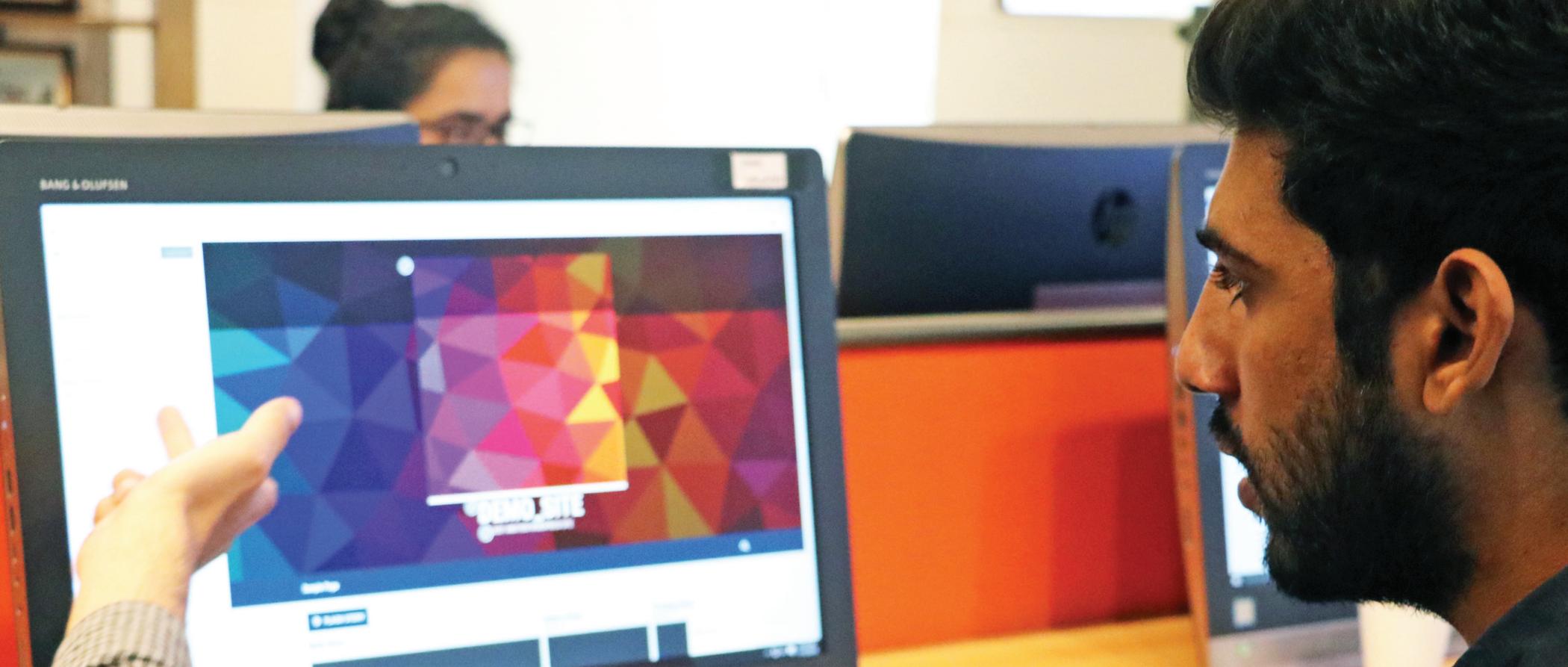
# PhD Economics

## Spring Semester

Course title	Course code	Credit hours	Pre-requisite
Topics in Research Methods	EC0650	4	-
Elective I	-	4	-
Elective II	-	4	-

Dissertation			
Course title	Course code	Credit hours	Pre-requisite
PhD Dissertation	EC0799	24	-





## **SCHOOL OF MATHEMATICS AND COMPUTER SCIENCE (SMCS)**

- Bachelor of Science (BS) Computer Science
- Master of Science (MS) Computer Science
- Master of Science (MS) Data Science
- Master of Science (MS) Mathematics
- PhD Computer Science
- PhD (Mathematics)

# School of Mathematics and Computer Science (SMCS)

The Department of Mathematical Sciences and the Department of Computer Science under the umbrella of the School of Mathematics and Computer Science (SMCS) offer an eclectic mix of courses to students. The research labs for Artificial Intelligence, Web Science, Big Data, and Telecommunications allow Computer Science students to delve deep in the technological realm. Akin to this, programs in Mathematics provide a thorough background in theory, quantitative methods and applications commensurate with international standards.

The SMCS has a faculty comprising experienced practitioners and researchers, out of which almost 25 faculty members hold a doctorate degree.

## Dean's Message



**Dr. Shakeel Khoja**

The history of Science programs at the IBA spans almost four decades and as the IBA moves into the new system of Schools, the newly established SMCS must continue to incubate and stay poised towards cutting-edge research and development in science and technology.

In the coming years, we plan to enhance our academic programs by investing in our faculty, establishing strong research and industrial ties across the globe and bringing new specializations in Mathematics, Computer Science and allied fields.

The foremost aim of SMCS is to establish academic linkages with leading, global schools to enhance our teaching and research practices. Secondly, we aim to offer more streams of specialization in Mathematics and Computer Science. Recently an MS program in Data Science was introduced. We envisage more productive and society driven research in the new School.

With the IBA's mission to undertake applied research to enrich teaching and influence thinking on important issues of business and public policy, we believe that SMCS will play a pivotal role by contributing towards global issues that science and technology can solve.

## Overview of departments

### Department of Mathematical Sciences

The students are provided with a thorough education in theory, quantitative methods and applications, along with the opportunity of more specialized training in selected areas of pure and applied Mathematics. Visit website: <https://mathematics.iba.edu.pk/>

### Department of Computer Science

The history of the Computer Science program at the IBA dates back to early 1980s when the Faculty of Computer Science was established in collaboration with IBM. Initially, we started by offering a diploma program in Computer Science to overcome the shortage of Information and Systems Analysts in the country. We have come a long way since then as the Department presently prepares the students in areas of artificial intelligence, software engineering, systems analysis, computer systems, databases, and data communications. Visit website: <https://cs.iba.edu.pk/>



# **Bachelor of Science (BS) Computer Science**

# Bachelor of Science (BS) Computer Science

Bachelor of Science (BS) Computer Science is a 4-year degree program that includes courses from theoretical Computer Science, Technology, Social Sciences and Liberal Arts, and other areas. The aim is to educate students to become skilled professionals with problem-solving capability in Computer Science (CS) and allied areas. It also prepares students for research and development roles. It comprises of a total of 131 units, which are divided into university core, CS core, CS elective, non-specialization core, and non-specialization elective with 12, 62, 21, 24, and 12 units respectively. The non-specialization courses and electives are from supporting disciplines of Mathematics, Physics and Communication. The program's core courses and general electives are from supporting disciplines of Mathematics, Physics, and Communication, Accounting, Economics, Finance, Human Resource Management, Marketing, Management, and Social Sciences and Liberal Arts. A wide range of core and elective courses is engineered to provide the students with enough flexibility to choose a professional career path of their interest.

CS graduates have successfully developed their careers with entrepreneurial start-ups of their own as well as getting placed in good software houses, ICT companies, financial institutions, business solution providers and multinational companies.

Curriculum structure	
Duration	4 years
Semesters	8
Courses	41
<b>Total credit hours</b>	<b>131</b>



Section	Course category	Courses	Credit hours
A	University core	4	12
B	Computer Science core	18	62
C	Computer Science electives	7	21
D	Program core	8	24
E	General electives	4	12
<b>Total</b>		<b>41</b>	<b>131</b>

## A. University core courses

Course title	Course code	Credit hours	Pre-requisite
Speech Communication	HUM201	3	-
English Grammar and Composition	SSC101	3	-
Pakistan History	SSC151	3	-
Socioeconomic Philosophy of Islam (SEPI) / Philosophy, Logic and Ethics (PLE)**	SSC301 / HUM357	3	-

*\*All Muslim students are required to register for SEPI. Non-Muslim students may take either SEPI or PLE.*

## B. Computer Science core courses

Course title	Course code	Credit hours	Pre-requisite
Introduction to Programming	CSE141	4	-
Object Oriented Programming Techniques	CSE142	4	CSE141
Introduction to Computing	CSE101	3	-
Digital Logic Design	CSE241	4	CSE101, MTS211
Data Structures	CSE247	4	CSE142, MTS211
Computer Communications and Networks	CSE248	4	CSE101, CSE142
Theory of Automata	CSE309	3	CSE141, MTS211
Software Engineering	CSE312	3	CSE247
Design and Analysis of Algorithms	CSE317	3	CSE247
Operating Systems	CSE331	3	CSE345
Database Systems	CSE341	4	CSE247
Computer Architecture and Assembly Language	CSE345	4	CSE247, CSE241
Human Computer Interaction	CSE407	3	CSE312
Systems Programming	CSE441	4	CSE331

# Bachelor of Science (BS) Computer Science

## B. Computer Science core courses (Contd.)

Course title	Course code	Credit hours	Pre-requisite
Introduction to Artificial Intelligence	CSE307	3	CSE247
Computer Science Project – I	CSE491	3	CSE312, CSE341
Computer Science Project - II	CSE492	3	CSE491
Audit, Ethics and IS Issues	MIS454	3	MGT211

## C. Computer Science electives (7 to be selected from the following list)

Course title	Course code	Credit hours	Pre-requisite
Web Based Application Development	CSE308	3	CSE341
Design Patterns	CSE318	3	CSE247
Data warehousing	CSE343	3	CSE341
Compiler Design	CSE344	4	CSE309, CSE345
Cloud Computing	CSE351	3	CSE248, CSE331, CSE34
Computer Graphics	CSE352	3	-
Game Design and Development	CSE353	3	-
System Modeling and Simulation	CSE403	3	-
Microprocessor Interfacing	CSE448	4	CSE345
Application Development for Mobile Devices	CSE450	3	CSE142, CSE312
Introduction to Computer Vision	CSE454	3	-
Network Security	CSE455	3	CSE248
Business Intelligence	CSE459	3	CSE341, MIS343
Introduction to Game Programming and Robotics	CSE460	3	CSE307
Mathematics for Games	CSE461	3	-
Introduction to Image Processing	CSE462	3	-
Introduction to Bioinformatics	CSE463	3	CSE247
Introduction to Data Mining	CSE464	3	CSE247, MTS102
Data Warehousing	MIS343	4	CSE341
Social Computing	MIS406	3	CSE341
Technopreneurship	MIS450	3	-
E-Commerce	MIS456	3	CSE101
IS Security	MIS457	3	-

# Bachelor of Science (BS) Computer Science

## C. Computer Science electives (7 to be selected from the following list) (Contd.)

Course title	Course code	Credit hours	Pre-requisite
Enterprise Resource Planning	MIS458	3	CSE101
Mobile Marketing - A Technological Perspective	MIS463	3	-
Financial Services Technologies	MIS464	3	-

Note: Senior students with at least 3.0 CGPA may also opt for 500-level graduate courses as CS-electives.

## D. Program core

Course title	Course code	Credit hours	Pre-requisite
Business Communications	MGT211	3	HUM201
Calculus 1	MTS101	3	-
Introduction to Statistics	MTS102	3	-
Linear Algebra	MTS203	3	MTS101
Discrete Mathematics	MTS211	3	MGT101
Calculus - II	MTS232	3	MTS101
Numerical Analysis	MTS306	3	MTS232
Physics	SCI102	3	-

## E. General electives

Any course other than Computer Science is considered as a general elective which also includes Social Sciences as well as languages.

## Semester-wise sequence of courses

Freshman	Semester – 1	Course code	Credit hours	Pre-requisite
1	Introduction to Programming	CSE141	4	-
2	Introduction to Computing	CSE101	3	-
3	Calculus 1	MTS101	3	-
4	English Grammar and Composition	SSC101	3	-
5	Pakistan History or Socioeconomic Philosophy of Islam	SSC151/SSC301	3	-

# Bachelor of Science (BS) Computer Science

## Semester-wise sequence of courses (Contd.)

	Semester – 2	Course code	Credit hours	Pre-requisite
1	Object Oriented Programming Techniques	CSE142	4	CSE141
2	Speech Communication	HUM201	3	SSC103
3	Introduction to Statistics	MTS102	3	-
4	Discrete Mathematics	MTS211	3	MTS101
5	Calculus - II	MTS232	3	MTS101
6	Physics	SCI102	3	-

Sophomore	Semester – 3	Course code	Credit hours	Pre-requisite
1	Digital Logic Design	CSE241	4	CSE101, MTS211
2	Data Structures	CSE247	4	CSE142, MTS211
3	Linear Algebra	MTS203	3	MTS101
4	Numerical Analysis	MTS306	3	MTS232
5	General elective-I	-	3	-

	Semester – 4	Course code	Credit hours	Pre-requisite
1	Introduction to Artificial Intelligence	CSE307	3	CSE247
2	Computer Communication and Networking	CSE248	4	CSE101, CSE142
3	Theory of Automata	CSE309	3	CSE141, CSE211
4	Computer Architecture and Assembly Language	CSE345	4	CSE241, CSE247
5	Socioeconomic Philosophy of Islam or Pakistan History	SSC301/SSC151	3	-

Junior	Semester – 5	Course code	Credit hours	Pre-requisite
1	CS elective-I	CSE-	3	-
2	Software Engineering	CSE312	3	CSE247
3	Operating Systems	CSE331	3	CSE345
4	Database Systems	CSE341	4	CSE247
5	Business Communication	MGT211	3	HUM201

# Bachelor of Science (BS) Computer Science

## Semester-wise sequence of courses (Contd.)

	Semester – 6	Course code	Credit hours	Pre-requisite
1	Design and Analysis of Algorithm	CSE317	3	CSE247
2	Systems Programming	CSE441	4	CSE331
3	CS elective-II	CSE-	3	-
4	CS elective -III	CSE-	3	-
5	General elective-II	-	3	-
6	Personal Effectiveness	SSC240	-	-

Senior	Semester – 7	Course code	Credit hours	Pre-requisite
1	Human Computer Interaction	CSE407	3	CSE312
2	Final Year Project - CS	CSE493	3	CSE312, CSE341
3	CS elective-IV	CSE-	3	-
4	CS elective-V	CSE-	3	-
5	CS elective-VI	CSE-	3	-
6	General elective-III	-	3	-

	Semester – 8	Course code	Credit hours	Pre-requisite
1	Final Year Project	CSE494	6	CSE493
2	Audit, Ethics and IS Issues	MIS454	3	MGT211
3	CS elective- VII	CSE-	3	-
4	General elective-IV	-	3	-

### Important note

- Students are eligible to carry out their Responsible Citizen Initiative (RCI)/social internships right after their 1st year of studies/2nd semester and should complete this mandatory graduation requirement by the end of their 3rd year of studies/6th semester.

- Corporate internship can only be carried out after 6th semester (i.e. after completion of all the courses till the 6th semester as mentioned in the semester-wise break up above).



# **Master of Science (MS) Computer Science**

# Master of Science (MS) Computer Science

The Department of Computer Science (FCS) is an exciting place to learn about the latest developments in the area of Computer Science as well as to perform research with a high social impact. The MS program in Computer Science (MSCS) is comprised of the following 6 specialization tracks, each completely aimed at a particular field of specialization: Net-Centric Computing, Human Computer Interaction, Software Engineering, Intelligent Systems, Information Management, and Theoretical Computer Science. The diverse backgrounds of students that come from various fields of study into this program are catered using a customized and tailored approach towards building the relevant fundamentals for each track. Moreover, the curriculum has been designed according to the IEEE/Association for Computing Machinery (ACM) guidelines. This ensures that the 6 tracks do continue to adapt to the rapidly changing landscape of computing technologies. The potential of this program in terms of imparting useful and advanced computing skills and professional growth is measured by the readiness of the job market and advanced learning schools in absorbing our graduates. The curriculum design ensures that the graduates can creatively discover and implement technology-based solutions, think critically and analyze systems and emerging business/research problems independently.

## Required courses

"The Master of Science Computer Science (MSCS) program has two basic categories: MS with Thesis and MS without Thesis. The program is of 30 credit hours with a Thesis or Master's Project (MS Project) option. For those students who opt for Thesis, 24 credit hours of course work, 3 credit hours of research work (MS Thesis-I) followed by 3 credit hours of Thesis work (MS Thesis-II) are required. For students opting for MS without Thesis, 27 credit hours of course work along with 3 credit hours of a computer science implementation project (MS Project) is required. The MS Project must be taken after students have completed 18 credits and must be supervised by an approved faculty member. The course work may be taken from more than one of the 6 specialization tracks, with a student required to take courses from at least two of these tracks. Within a specialization track, a minimum of 2 to a maximum of 4 courses may be taken. Each track has their own set of pre-requisites which are usually BS level Computer Science courses. MS students may also take courses at the PhD (600) level for credit."

MS Computer Science (MSCS) has 6 tracks, each with a different set of pre-requisites (foundation) courses:

MS with thesis			
Section	Course category	Courses	Credit hours
A	CS electives	8	24
B	MS Thesis-I	Equivalent to 1 course	3
C	MS Thesis-II	Equivalent to 1 course	3
Total		10	30

MS without thesis			
Section	Course category	Courses	Credit hours
A	CS electives	9	27
B	MS Project	Equivalent to 1 course	3
Total		10	30

## Objectives

The key objectives of the MSCS program are as follows:

- Offer maximum curriculum flexibility in order to enable students to engineer their education towards their ambitions and goals in their computing professions.
- Empower students with theoretical knowledge, and the analytical and problem-solving skillset to address modern computing challenges in their respective organizations.
- Facilitate job promotions for students, from mid-level IT positions to senior level positions.
- Engage students with qualified faculty of international recognition and encourage them to undertake research that may potentially lead to doctoral work.

List of specialization tracks		
Tracks	Specialization	Pre-requisite
1	Net-Centric Computing (Track-NCC)	One course in Operating Systems and Data Communication or Computer Communication
2	Human Computer Interaction (Track-HCI)	One course in Software Engineering and Web Development or Mobile App Development
3	Software Engineering (Track-SE)	One course in Object Oriented Programming and Software Engineering
4	Intelligent Systems (Track-IS)	One course in Artificial Intelligence, Programming and Statistics
5	Information Management (Track-IM)	One course in Database Systems and Software Engineering
6	Theoretical Computer Science (Track-TCS)	One course in Operating Systems, Computer Architecture and Data Structures or Algorithms

# Master of Science (MS) Computer Science

## List of MS Computer Science courses

Course title	Course code	Credit hours	Pre-requisite	Track
Software Project Management	CSE503	3	-	Track-SE
Pattern Recognition	CSE554	3	-	Track-IS
Image Processing	CSE559	3	-	Track-IS
Algorithms	CSE560	3	-	Track-TCS
Software Systems Engineering	CSE564	3	CSE142	Track-SE
Software Quality Assurance	CSE566	3	-	Track-SE
Requirements Engineering	CSE567	3	-	Track-SE
Natural Language Processing	CSE574	3	-	Track-IS
Advanced Human Computer Interaction	CSE575	3	-	Track-HCI
Usability Engineering	CSE576	3	-	Track-HCI
GUI Design	CSE578	3	-	Track-HCI
Stochastic Modeling with Applications in Engineering	CSE606	3	-	Track-NCC
Bioinformatics Algorithms	CSE607	3	-	Track-TCS
Knowledge Discovery and Data Mining	CSE652	3	-	Track-IS
Combinatorial Optimization	CSE654	3	-	Track-TCS
Probabilistic Reasoning	CSE655	3	-	Track-IS
Essentials of theoretical Computer Science	CSE657	3	-	Track-TCS
Knowledge management and E-learning systems	CSE658	3	-	Track-IM
Computational Intelligence	CSE659	3	-	Track-IS
Computer Vision	CSE660	3	-	Track-IS
Semantic Web	CSE661	3	-	Track-IS
Parallel Processing	CSE662	3	-	Track-TCS
Information Retrieval and Web Search-I	CSE665	3	-	Track-IM
Information Retrieval and Web Search-II	CSE666	3	CSE665	Track-IM
Big Data Analytics	CSE668	3	CSE505, CSE652, or CSE568	Track-IS
Social Network Analysis	CSE670	3	-	Track-IS
Machine Learning-I (Supervised Learning)	CSE602	3	-	Track-IS
Machine Learning-II (Unsupervised Learning)	CSE603	3	CSE602	Track-IS
Deep Learning for IOT	CSE673	3	-	Track-IS

# Master of Science (MS) Computer Science

## List of M.S. Computer Science courses (Contd.)

Course title	Course code	Credit hours	Pre-requisite	Track
Text Analytics	CSE674	3	Instructor's consent	Track-IS
MS Project	CSE697	3	-	N/A
MS Thesis	CSE699	3	-	N/A
Advanced Computer Networks	ICT511	3	-	Track-NCC
Advanced Web Technologies	ICT512	3	-	Track-SE
RFID Technologies	ICT556	3	-	Track-NCC
Computer Communication Network and Simulation	ICT651	3	CSE248, MTS102	Track-NCC
Computer Communication Network and Simulation II	ICT654	3	ICT651	Track-NCC
Wireless Sensor Networks	ICT659	3	CSE248	Track-NCC
Advanced Topics In Wireless Sensor Networks	ICT660	3	ICT659	Track-NCC
WSN Protocols and Applications	ICT662	3	CSE248	Track-NCC
Software Defined Networking	ICT675	3	Instructor's consent	Track-NCC
Operations And Technology Management	MIS502	3	-	Track-IM
Enterprise Integration	MIS503	3	-	Track-IM
Information Industry Structure and Competitive Strategy	MIS513	3	-	Track-IM
Advanced Data Warehousing	MIS552	3	-	Track-IM
Mobile Marketing Strategies	MIS553	3	-	Track-IM
Auditing IT Infrastructures	MIS555	3	-	Track-IM
Social Computing Applications	MIS564	3	-	Track-IM
Advance E-Commerce	MIS565	3	-	Track-IM
Scientific Computing, and Scientific Software Development	MTS551	3	-	Track-TCS
Advanced Theoretical Concepts in IS	MIS653	3	-	Track-IM



# **Master of Science (MS) Data Science**

# Master of Science (MS) Data Science

The field of Data Science lies at the intersection of Machine Learning, Probability, Statistics, Linear Algebra and Big Data Analytics. Offered by the School of Mathematics and Computer Science (SMCS), the MS in Data Science (MSDS) program prepares students to extract valuable insights from data through a robust and comprehensive methodology. The program is designed for students who want to begin or advance their careers in the field of Data Science. It provides a strong base in subjects including Statistical Modeling, Probabilistic Reasoning, Machine Learning, Management of Massive Data Sets, Data Visualization, Software Engineering and Business Intelligence. The program targets both CS and STEM (Science, Technology, Engineering and Mathematics) students and prepares them to apply the knowledge of Data Science to a wide range of corporate domains. Non-CS/SE/IT students are required to take foundation level courses in Algorithms, Data Management and Application Development. These courses would prepare them to take the core and more advanced level Data Science courses along with students having a background in CS, IT or SE. The core courses strengthen students understanding of Mathematics that forms the basis of Machine Learning, Statistical Modeling and the theoretical and practical know-how of dealing with Big Data. Students can take a range of electives including, but not limited, to Deep Learning, Text Analytics, Computer Vision, Business Intelligence, Probabilistic Reasoning, Information Retrieval and Social Network Analysis. The potential of this program in terms of imparting useful advanced computing skills and professional growth is measured by the readiness of the job market and advanced learning schools in absorbing graduates. The curriculum design ensures that the graduates can creatively find technology-based solutions, think critically and analyze systems and emerging problems independently.

## Objectives

The key objectives of the MS DS program are as follows:

- Develop a competitive blend of theoretical and practical (hands-on) skills, centered on statistics, probability, linear algebra, optimization, machine learning and all prominent dimensions of data analytics.
- Develop a unique mindset of problem solving and analytical thinking, due to the severely practical and comprehensive conduct of courses.

- Prepare students to bring a revolutionary change by initiating and enhancing data science initiatives in their respective corporate sectors by employing the skills and knowledge acquired in this program.
- Facilitate job promotion for students, from mid-level IT/analytics positions to senior-level positions by adding to their skills and academic qualifications.
- Engage students with qualified faculty of international recognition and encourage them to undertake research that may potentially lead to doctoral work.

## Required courses

The MSDS program has two basic categories: MS with Thesis and MS without Thesis. For those students who opt for Thesis, 24 credit hours of course work, 3 credit hours of research work (MS Thesis-I) followed by 3 credit hours of Thesis work (MS Thesis-II) are required. For students opting for MS without Thesis, 27 credit hours of course work along with 3 credit hours of a data science implementation project (MS Project) is required. The MS Project must be taken after students have completed 18 credits and must be supervised by an approved faculty member.

The program is of 4 semesters with a total of 30 credit hours. The following structure will be followed:

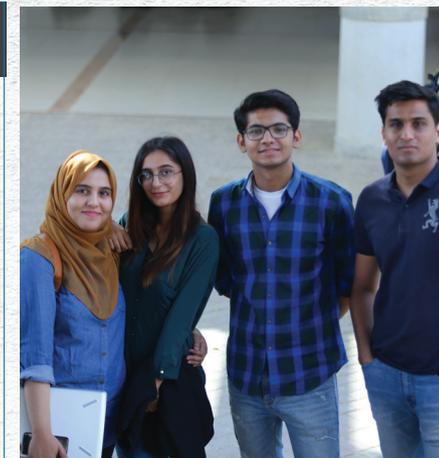
Section	Course category	Courses	Credit hours
A	Foundation courses	3	9
B	Core courses	3	9
C	Electives	5	15
D	MS Thesis-I+ MS Thesis-II)/(Elective+MS Project	1	6
	<b>Total</b>	<b>12</b>	<b>39</b>

Foundation courses (for students with non-CS background)	Course Code	Credit hours	Pre-requisite
Introduction to Algorithms	CSF501	3	-
Database Management	CSF505	3	-
Application Development	CSF510	3	-
Core courses			
Mathematics for Data Science	CSE601	3	Clear all foundation courses/ CS-background
Machine Learning - I (Supervised Learning)	CSE602	3	Clear all foundation courses/ CS-background
Big Data Analytics	CSE668	3	Clear all foundation courses/ CS-background
MS Project or MS Thesis-I+MS Thesis-II	CSE697/ (CSE698+CSE699)	3	Completion of 18 credit hours

\*Course codes will be allotted soon

# Master of Science (MS) Data Science

Electives (More courses may be added to this list)	Courses Code	Credit hours	Pre-requisite
Business Intelligence	CSE459	3	Math for DS, ML-1/ Instructor's consent
Probabilistic Reasoning	CSE655	3	Math for DS, ML-1/ Instructor's consent
Computational Intelligence	CSE659	3	Math for DS, ML-1/ Instructor's consent
Computer Vision	CSE660	3	Math for DS, ML-1/ Instructor's consent
Information Retrieval	CSE665	3	Math for DS, ML-1/ Instructor's consent
Deep Learning	CSE669	3	Math for DS, ML-1/ Instructor's consent
Social Network Analysis	CSE670	3	Math for DS, ML-1/ Instructor's consent
Deep Learning for IOT	CSE673	3	Math for DS, ML-1/ Instructor's consent
Text Analytics	CSE674	3	Math for DS, ML-1/ Instructor's consent
Machine Learning-II (Unsupervised Learning)	CSE603	3	Math for DS, ML-1/ Instructor's consent



\*Course codes will be allotted soon

Note:

- BS (CS/SE/IT) graduates are exempted from the foundation courses. For other candidates, the interview panel will decide which foundation courses are they exempted from.
- Students have the option to take 1 additional course (elective) and the MS Project in place of thesis.
- Students with non-CS background will be inducted only in Fall semester, and students with CS background will be inducted only in Spring semester

**The semester-wise breakup along with credit hours is provided as follows:**

Semester 0 (Foundation courses)	Credit hours	Semester 1	Credit hours
Introduction to Algorithms	3	Mathematics for Data Science	3
Database Management	3	Machine Learning - I (Supervised Learning)	3
Application Development	3	Big Data Analytics	3

Semester 2	Credit hours	Semester 3	Credit hours
Elective 1	3	Elective 4	3
Elective 2	3	Elective 5	3
Elective 3	3	Elective 6 or MS Thesis-I	3

Semester 4	Credit hours
MS Project or MS Thesis-II	3



# **Master of Science (MS) Mathematics**

# Master of Science (MS) Mathematics

MS in Mathematics aims to provide a thorough background in theory, quantitative methods, and applications commensurate with international standards, offering the opportunity of more specialized training in selected areas of pure and applied mathematics.

## Eligibility

In order to be eligible to apply for admission in MS in Mathematics a candidate should:

- Possess a BS/MSc (16-year education) degree from a recognized university in Mathematics or BE (any discipline) or BS/MSc (16-year education) degree from a recognized university in Physics/Statistics/Computer Science\*\*
- Have passed the last examination with at least 60% marks (or CGPA 2.50).

\*\*The successful students will be conditionally admitted to the program and must pass the prescribed deficiency courses with the CGPA recommended by the Departmental Board of Studies (BoS).

## Admission process

All eligible candidates would be required to:

- Appear in and qualify an aptitude test comprising two parts: Mathematics and English (the difficulty level of Mathematics and English is equivalent to GRE subjective Mathematics and TOFEL respectively) or candidates who have a minimum 60 percentile in GRE subjective Mathematics (in this case admission committee will verify the English proficiency of the candidate).

- Appear in an interview/presentation if the candidate has passed the aptitude test or equivalent.

## Duration

MS: 2 - 4 years

## Teaching/research assistant positions

Teaching/research assistant positions are available in the department for full-time MS students. These positions are offered only to those students who maintain a cumulative GPA of 3.00 in each semester in the MS program. Teaching/research assistant must not work elsewhere.

## Part-time students

Students can also join the program on a part-time basis (i.e., those students who are not offered or do not willfully avail/opt-for financial assistance) with the condition that they cannot register in more than 3 courses in semesters. Part time MS-Mathematics program has a maximum duration of 7 years.

## Requirements for the award of MS Mathematics degree

- Complete 30 credit hours that include 24 credit hours (8 courses) of course work and 6 credit hours of thesis.
- Six courses (mentioned in the list) at 500 level are core courses that every student must do.

- In addition, a student must do two electives to be chosen from the list given at 500 level. A student can also choose a PhD Mathematics course as an elective by taking approval from the BoS.

- The eligibility for doing an MS thesis is a CGPA of 3.00.

- Students who do not qualify the eligibility criteria for doing an MS thesis will be required to do two additional courses (6 credit hours in addition) and graduate with an MS degree only. Such MS graduates would lose the eligibility of doing a PhD in future from IBA.

- Public defense of the MS thesis and completion of the degree will be governed as per IBA's policy.

For further details, please visit:

[www.mathematics.iba.edu.pk](http://www.mathematics.iba.edu.pk)



## Required courses

Course category	MS with thesis		MS without thesis	
	Courses	Credit hours	Courses	Credit hours
Core units	6	18	6	18
Elective units	2	6	4	12
Literature survey	1	3	0	0
Research work units	1	3	0	0
<b>Total</b>	<b>10</b>	<b>30</b>	<b>10</b>	<b>30</b>

# Master of Science (MS) Mathematics

## Core courses\*

Semester - 1	Course code	Credit hours	Pre-requisite
Advanced Real Analysis	MTS511	3	-
Topics in Algebra	MTS513	3	-
Scientific Computing I of PDE's	MTS576	3	-
Elective I	MTS-	3	-
Semester - 2	Course code	Credit hours	Pre-requisite
Probability and Mathematical Statistics	MTS508	3	-
Topics in Number Theory	MTS562	3	-
Topology and Geometry	MTS575	3	MTS341
Elective II	MTS-	3	-
Semester - 3 and 4	Course code	Credit hours	Pre-requisite
MS Thesis (with literature survey)	MTS699	6	-



# Master of Science (MS) Mathematics

## List of electives

Course title	Course code	Credit hours	Pre-requisite
Non Linear Dynamics and chaos	MTS507	3	MTS203, MTS 241
Measure Theory and Integration	MTS512	3	MTS512
Topics in Commutative Algebra	MTS514	3	MTS513
Scientific Computing	MTS521	3	-
Stochastic Processes II	MTS525	3	MTS304
Stochastic Differential Equations	MTS529	3	MTS304
Integral Equations-I	MTS533	3	-
Mathematical Astronomy	MTS537	3	-
Homological Algebra	MTS539	3	MTS513
Computational Algebraic Geometry	MTS541	3	MTS513
Applicable Modern Geometry I	MTS545	3	MTS511, MTS513, MTS516
Algebraic Geometry I	MTS549	3	MTS514
Scientific Computing and Software	MTS551	3	MTS521
Algebraic Cycles I	MTS553	3	MTS513
Arithmetic Algebraic Geometry	MTS557	3	MTS513
Exploratory Data Analysis	MTS561	3	-
Mathematical Physics I	MTS565	3	-
Statistical Data Mining and Knowledge Discovery	MTS569	3	-
Statistical Machine Learning	MTS573	3	-
Galois Theory	MTS577	3	MTS513
Smooth Manifolds	MTS581	3	MTS510

*\*The departmental Board of Studies is authorized to introduce any new course added to the above list as and when required.*

*Note: Any course of 600 level of Mathematics could be treated as an MS Mathematics elective.*



# PhD Computer Science

# PhD Computer Science

PhD in Computer Science aims to carry out cutting edge research in the field of Computer Science, gaining recognition for it and maintaining social and corporate networks in the field of study. The IBA Department of Computer Science offers PhD programs in the following areas: Artificial Intelligence and Cognitive Robotics, Computer Vision, Bioinformatics, Wireless and Mobile Communications, Social Computing, Operations Research, Management Information System, Numerical Analysis and Computing, Multimedia and Web, and Human Computer Interaction.

The PhD-CS program aims at encouraging graduate students who can make a significant contribution to their field through original research. By being a part of this program, students will get an opportunity to establish linkages with international researchers, publish scholarly articles and attend reputed conferences worldwide in the selected discipline. Students' quantitative and qualitative research capabilities will be polished and interdisciplinary research along with interaction with the local industry will always be encouraged.

The PhD-CS program motivates independence and originality of thought in the research process. The program requires a residency of at least two years, where students are expected to complete a specially designed program comprising of advanced courses. During the residency program students are expected to attach themselves to a supervisor in their field of specialization. Students also avail a full teaching/research assistantship which comprises of an attractive monthly stipend and full tuition fee waiver.

## Research labs at the Department of Computer Science

The Department of Computer Science offers the best possible environment in which to undertake postgraduate research. A student conducting masters or doctoral research will have the opportunity to be assigned to one of the following labs:

### Artificial intelligence (AI) lab

Artificial Intelligence lab provides a platform for researchers and professionals to manifest their innovative capabilities through development of sophisticated research projects. The lab also aims to foster collaboration with local industry by developing intelligent solutions for problems pertinent to the Pakistani market. Being established in 2008, the AI lab at IBA is a dynamically growing research center focusing in the core areas of AI, namely data analytics, machine learning, semantic web, computational intelligence, probabilistic reasoning and cognitive robotics. For more information, please visit: <https://ailab.iba.edu.pk/index.html>

### Telecommunications research lab (TRL)

Telecommunications Research Lab (TRL) focuses on research in the areas of wireless and mobile networks; specific topics under current research include the following: queuing modelling, and analysis for energy, delay and other quality of service parameters in wireless sensor networks (WSN); backhauling technologies in mobile networks; implementation of WSN in field for monitoring, irrigation; energy monitoring and controlling system/smart asset management using WSN and hybrid networks; and traffic congestion tracking system. For more information, please visit: <http://trl.iba.edu.pk/index.php>

### Web sciences lab

The Web science lab has been established to help researchers undertake quality research in the area of web information systems, with a special focus on interactive learning applications including information retrieval, social media,

knowledge management, digital libraries, electronic commerce and semantic web.

For more details, please visit: <http://webscience.iba.edu.pk>

### Big Data Analytics Laboratory (BDA-LAB)

The BDA-LAB focuses on conducting state of the art research across four data analytics dimensions: 1) Deep Learning (DL), 2) Machine Learning (ML), 3) Big Data Analytics (BDA) and 4) Data Governance Infrastructure Development (DGID), which comprise the most important pillars of data analytics initiatives in the current global corporate and academic sectors. With four PhD students and four graduate students/RAs, our current research projects are focused on concept drift detection, time series forecasting, and data lake infrastructure development while industrial projects are being executed with the following industrial partners: Agha Khan University Hospital (AKUH), Tabba Heart, and EFU Life. Our next goal is to acquire research funding in the domain of IOT analytics for implementation of related products, as well as to provide professional trainings to the corporate sectors on data analytics.

For more information, please visit: <https://bdalab.iba.edu.pk/>



	Program	Courses	Credit hours
A	Course Work <sup>1,2</sup>	6	18
B	Dissertation	-	12

#### Rules:

1. It is recommended that the course work should be completed during the first 3 semesters after admission.
2. Students can take a maximum of 4 courses (12 credit hours) in each semester.

# PhD Computer Science

## Courses\*

Course title	Course code	Credit hours	Pre-requisite
Machine Learning – I (Supervised Learning)	CSE602	3	
Machine Learning – II (Unsupervised Learning)	CSE603	3	
Bioinformatics Algorithms	CSE607	3	-
Combinatorial Optimization	CSE645	3	-
Advanced Analysis of Algorithms	CSE651	3	
Combinatorial Optimization	CSE654	3	
Probabilistic Reasoning	CSE655	3	-
Computational Intelligence	CSE659	3	-
Semantic Web	CSE661	3	-
Parallel Processing	CSE662	3	
Information Retrieval and Web Search-I	CSE665	3	-
Information Retrieval and Web Search-II	CSE666	3	CSE665
Big Data Analytics	CSE668	3	-
Deep Learning	CSE669	3	-
Social Network Analysis	CSE670	3	-
Computer Communication Network and Simulation	ICT651	3	CSE248, MTS102
Computer Communication Network and Simulation II	ICT654	3	ICT651
Wireless Sensor Networks	ICT659	3	CSE141, CSE248, MTS102
Advanced Topics In Wireless Sensor Networks	ICT660	3	ICT659
WSN Protocols And Applications	ICT662	3	CSE248
Theoretical Foundations of IS	MIS651	3	-
Advanced Research Topics In IS	MIS652	3	-
Advanced Theoretical Concepts in IS	MIS653	3	MIS651

\*It is a partial list of courses





# PhD Mathematics

# PhD Mathematics

PhD in Mathematics aims to polish the individual's skills of using Mathematics as a compact language to describe problems in any area that requires them to do so. This enables them to theoretically expand the frontiers to create new and formerly unknown avenues in this discipline.

## Eligibility

A candidate may embark on his PhD Mathematics program at the IBA if:

The applicant has earned an MS/MPhil (in Mathematics or allied areas) from a foreign/local university of international repute, and in addition to it:

- Clears IBA's aptitude test or scores 70 percentiles in GRE International Subjective (Mathematics).
- Goes through a successful interview/presentation at the IBA.

## Teaching/research assistant positions

The PhD program is a full-time program. The IBA will offer teaching/research assistant positions to PhD students along with a tuition fee waiver. Teaching/research assistants must not work elsewhere.

## Duration

PhD 4 years (maximum 8 years)

## Other rules

- A PhD student must spend at least the first two years in the IBA as a full-time PhD scholar.
- PhD students will be required to do six courses (chosen from the list below) at 600 level as suggested by the research supervisor and/or the departmental BoS.

## Courses

The departmental BoS is authorized to introduce any new courses added to the followed list as and when required: On successful completion of the course work with CGPA of at least 3.00, the candidate qualifies to work on the PhD dissertation. Failing to achieve this qualification, the candidate would be allowed to improve his/her CGPA by doing two of their courses again. In view of the candidate's request and recommendation of the BoS, the candidate may do any other two courses to bring their CGPA to the required level.

## Comprehensive test

The comprehensive examination would be taken within 6 months of the completion of course work of the PhD student.

## Disqualification

If the candidate fails to qualify for work on PhD dissertation, they

may be awarded an MS degree on the recommendation of the supervisor/BoS.

## Defense of PhD thesis proposal and thesis

PhD thesis proposal would have to be defended in front of two national examiners (selected and approved by BOS and BASR). Public defense of the PhD thesis and completion of the degree will commence after the thesis has been examined by two foreign external examiners (will be selected as per the HEC policy).

For further details visit: <https://www.mathematics.iba.edu.pk>



# PhD (Mathematics)

## List of courses

Course title	Course code	Credit hours	Pre-requisite
Numerical Treatment of P.D.E.	MTS621	3	MTS515
Financial Mathematics	MTS625	3	-
Computational Astronomy	MTS637	3	MTS537
Applicable Modern Geometry II	MTS645	3	MTS545
Algebraic Geometry II	MTS649	3	MTS549
Algebraic Cycles II	MTS653	3	MTS553
Algebraic Curves	MTS655	3	-
Iterative Methods for Sparse Linear Systems	MTS656	3	MTS366
Poly logarithms	MTS657	3	MTS557
Timescale calculus	MTS658	3	-
Computational Fluid Dynamics	MTS659	3	-
Multivariate Statistical Analysis	MTS661	3	MTS525
Analysis on Manifolds	MTS662	3	-
Plane Curves and Singularities	MTS664	3	-
Mathematical Physics II	MTS665	3	MTS565
Advanced Topology	MTS666	3	MTS451
General Relativity and Cosmology	MTS667	3	-
Scientific Programming	MTS668	3	-
Convex Analysis	MTS669	3	-
Algebraic Number Theory	MTS670	3	-
Monomial Algebra	MTS671	3	MTS514
Topics in Homological Algebra	MTS672	3	MTS539
Computational Continuum Mechanics	MTS673	3	-
Algebraic Topology	MTS674	3	-
Category Theory	MTS606	3	-
Quantum Mechanics I	MTS675	3	-
Special Relativity	MTS676	3	-
De Rham Cohomology	MTS677	3	MTS 242, MTS 203
Topics of Special Interest I	MTS691	3	-
Topics of Special Interest II	MTS692	3	-

# List of courses



# List of courses

## Department of Accounting and Law

### Accounting courses

S.No.	Course code	Course title
1	ACC111	Principles of Accounting
2	ACC201	Financial Accounting
3	ACC310	Advanced Managerial Accounting
4	ACC312	Business Analysis and Decision Making
5	ACC315	Financial Reporting
6	ACC320	Auditing
7	ACC325	Advanced Auditing
8	ACC330	Accounting Information Systems with SAP
9	ACC381	Management Accounting
10	ACC401	Advanced Financial Reporting
11	ACC505	Accounting for Decision Making
12	ACC506	Financial Accounting and Information Systems
13	ACC559	IFRS and Financial Reporting in Pakistan
14	ACC561	Analysis of Financial Statements

### Law courses

S.No.	Course code	Course title
1	LAW105	Politics and Law
2	LAW303	Taxation
3	LAW305	Corporate Law
4	LAW310	Legal and Regularity Environment
5	LAW315	Corporate Governance or Code and Practice in Pakistan
6	LAW320	Criminal Law
7	LAW401	Advanced Taxation
8	LAW501	Legal and Regulatory Environment of Business
9	LAW553	Corporate Governance and Practices in Pakistan

# List of courses

## Department of Computer Science

### MIS courses

S.No.	Course code	Course title
1	MIS103	Introduction to Computer Applications (2,1,3)
2	MIS343	Data Warehousing (3,1,4)
3	MIS405	Excel and Access for Business Managers (2,1,3)
4	MIS406	Social Computing (3,0,3)
5	MIS450	Technopreneurship (3,0,3)
6	MIS454	Audit, Ethics and IS Issues (3,0,3)
7	MIS456	E-Commerce (3,0,3)
8	MIS457	IS Security
9	MIS458	Enterprise Resource Planning (3,0,3)
10	MIS459	Customer Relationship Management (3,0,3)
11	MIS463	Mobile Marketing - A Technological Perspective (3,0,3)
12	MIS464	Financial Services Technologies (3,0,3)
13	MIS502	Operations and Technology Management
14	MIS503	Enterprise Integration (3,0,3)
15	MIS513	Information: Industry Structure and Competitive Strategy
16	MIS541	SAP ABAP Programming I
17	MIS542	SAP ABAP Programming II
18	MIS550	Logistics and Supply Chain Management (3,0,3)
19	MIS552	Advanced Data Warehousing (2,1,3)
20	MIS553	Mobile Marketing Strategies (3,0,3)
21	MIS555	Auditing IT Infrastructures (3,0,3)
22	MIS564	Social Computing Applications
23	MIS565	Advance E-Commerce (3,0,3)
24	MIS566	Fundamentals of SAP-ABAP Programming I (2,1,3)
25	MIS567	Simulated Approach to SCM (1,.5,1.5)
26	MIS568	Business Processes Management in ERP using SAP
27	MIS651	Theoretical Foundations of IS (3,0,3)
28	MIS653	Advanced Theoretical Concepts in IS (3,0,3)
29	MTS111	Essential Software

# List of courses

## Computer Science and allied courses

S.No.	Course code	Course title
1	CSE141	Introduction to Programming (3,1,4)
2	CSE142	Object Oriented Programming Techniques (3,1,4)
3	CSE145	Introduction to Computing (3, 0, 3)
4	CSE241	Digital Logic Design (3,1,4)
5	CSE247	Data Structures (3,1,4)
6	CSE248	Computer Communications and Networks
7	CSE307	Introduction to AI (3,0,3)
8	CSE309	Theory of Automata (3,0,3)
9	CSE312	Software Engineering (3,0,3)
10	CSE317	Design and Analysis of Algorithms (3,0,3)
11	CSE331	Operating Systems (3,0,3)
12	CSE341	Database Systems (3,1,4)
13	CSE344	Compiler Design (3,1,4)
14	CSE345	Computer Architecture and Assembly Language (3,1,4)
15	CSE351	Cloud Computing (3,0,3)
16	CSE403	System Modeling and Simulation (3,0,3)
17	CSE407	Human Computer Interaction (3,0,3)
18	CSE441	Systems Programming (3,1,4)
19	CSE448	Microprocessor Interfacing (3,1,4)
20	CSE450	Application Development for Mobile Devices (3,0,3)
21	CSE455	Network Security (2,1,3)
22	CSE459	Business Intelligence (3,0,3)
23	CSE460	Introduction to Game Programming and Robotics (3,0,3)
24	CSE462	Introduction to image processing (3,0,3)
25	CSE463	Introduction to Bioinformatics (3,0,3)
26	CSE491	Computer Science Project - I (0,3,3)
27	CSE492	Computer Science Project - II (0,3,3)
28	CSE503	Software Project Management (3,0,3)
29	CSE556	Image Processing for Recognition (3,0,3)
30	CSE558	Mobile Computing (3,0,3)

# List of courses

## Computer Science and allied courses (Contd.)

S.No.	Course code	Course title
31	CSE559	Image Processing (3,0,3)
32	CSE560	Algorithm (3,0,3)
33	CSE564	Software Systems Engineering (3,0,3)
34	CSE566	Software Quality Assurance (3,0,3)
35	CSE567	Requirements Engineering (3,0,3)
36	CSE569	Web Engineering
37	CSE572	Formal Methods
38	CSE575	Advanced Human Computer Interaction (3,0,3)
39	CSE576	Usability Engineering
40	CSE577	Interaction Design
41	CSE578	GUI Design
42	CSE579	Multimedia and Multi-Modal Systems
43	CSE602	Machine Learning – I (Supervised Learning)
44	CSE603	Machine Learning – II (Unsupervised Learning)
45	CSE651	Advanced Analysis of Algorithms
46	CSE654	Combinatorial Optimization (3,0,3)
47	CSE655	Probabilistic Reasoning (3,0,3)
48	CSE657	Essentials of Theoretical Computer Science (3,0,3)
49	CSE658	Knowledge Management and E-Learning Systems (3,0,3)
50	CSE659	Computational Intelligence (3,0,3)
51	CSE660	Computer Vision (3,0,3)
52	CSE661	Semantic Web (3,0,3)
53	CSE662	Parallel Processing (3,0,3)
54	CSE665	Information Retrieval and Web Search - I (3,0,3)
55	CSE666	Information Retrieval and Web Search - II (3,0,3)
56	CSE668	Big Data Analytics (3,0,3)
57	CSE697	MS Project (0,3,3)
58	CSE673	Deep Learning for IOT
59	CSE674	Text Analytics

# List of courses

## ICT and allied courses

S.No.	Course code	Course title
1	ICT512	Advanced Web Technologies (3,0,3)
2	ICT515	Distributed Systems (3,0,3)
3	ICT554	Information Security (3,0,3)
4	ICT556	RFID Technologies (3,0,3)
5	ICT651	Computer Communication Networks and Simulation – I (2,1,3)
6	ICT654	Computer Communication Networks and Simulation – II (2,1,3)
7	ICT659	Wireless Sensor Networks (1,2,3)
8	ICT660	Advanced Topics in Wireless Sensor Networks (1,2,3)
9	ICT661	Applications of Mathematical and Computational Techniques to Networking (3,0,3)
10	ICT662	WSN Protocols and Applications (3,0,3)
11	ICT675	Software Defined Networking

# List of courses

## Department of Economics

### Economics courses

S.No.	Course code	Course title
1	EC0102	Business Economics
2	EC0103	Principles of Microeconomics
3	EC0104	Principle of Macroeconomics
4	EC0105	Introduction to Economics
5	EC0201	Intermediate Microeconomics
6	EC0202	Intermediate Macroeconomics
7	EC0301	Development Economics
8	EC0211	Analysis of Pakistan Industries
9	EC0304	Data Analytics for Economists
10	EC0303	Mathematical Economics
11	EC0305	International Economics
12	EC0312	Microeconomic Theory
13	EC0313	Macroeconomic Theory
14	EC0341	Introduction to Econometrics
15	EC0342	Applied Econometrics
16	EC0343	Applied Econometrics I
17	EC0344	Applied Econometrics II
18	EC0401	Public Economics
19	EC0403	Major Issues in Pakistan Economy
20	EC0404	Contemporary Issues in Global Economics
21	EC0411	Research Methods in Economics
22	EC0451	Public Finance
23	EC0452	Monetary Economics
24	EC0453	Microeconomics of Public Policy Analysis
25	EC0457	Time Series Econometrics
26	EC0458	Climate Change Economics
27	EC0459	International Finance
28	EC0461	Natural Resource and Environmental Economics
29	EC0464	Game Theory
30	EC0465	International Political Economy
31	EC0466	International Trade

# List of courses

## Economics courses (Contd.)

S.No.	Course code	Course title
32	EC0467	History of Economic Thought
33	EC0470	Behavioral Economics
34	EC0471	Health Economics
35	EC0472	Labor Economics
36	EC0501	Managerial Economics
37	EC0502	Macroeconomics
48	EC0510	Islamic Economics
49	EC0517	Global Economic and Political Environment
40	EC0530	Development Economics
41	EC0531	Microeconomic Theory I
42	EC0532	Macroeconomic Theory I
43	EC0533	Mathematics for Economics
44	EC0537	Econometrics I
45	EC0538	Econometrics II
46	EC0539	International Trade
47	EC0544	Issues in Pakistan Economy
48	EC0551	Climate Change Economics
49	EC0555	Economic Forecasting
50	EC0558	Labor Economics
51	EC0649	Topics in Environmental Economics
52	EC0650	Topics in Research Methods
53	EC0655	Macroeconomics Modelling and Public Policy
54	EC0560	Public Policy Analysis: Theory and Practice
55	EC0561	Environmental and Resource Economics
56	EC0562	Financial Economics
57	EC0563	Health Economics
58	EC0564	History of Economic Thought
59	EC0566	Monetary Economics
60	EC0567	Public Economics
61	EC0570	Time Series Modeling
62	EC0571	Industrial Economics
63	EC0572	General Equilibrium and Welfare Economics

# List of courses

## Economics courses (Contd.)

S.No.	Course code	Course title
64	EC0573	Game Theory and Competitive Strategy
65	EC0574	Water Economics and Policy
66	EC0575	Microeconomics of Public Policy Analysis
67	EC0577	Social Impact Evaluation
68	EC0578	Behavioural and Experimental Economics
69	EC0591	Research Methodology
70	EC0631	Microeconomic Theory II
71	EC0632	Macroeconomic Theory II
72	EC0648	Econometrics Analysis II
73	EC0654	Labor Economics

## Department of Finance

### Finance courses

S.No.	Course code	Course title
1	FIN201	Introduction to Business Finance
2	FIN301	Financial Institutions and Markets
3	FIN305	Alternate Investments
4	FIN308	Real Estate Investments: Analysis and Financing
5	FIN310	International Banking
6	FIN312	Behavioral Finance
7	FIN315	Corporate Restructuring
8	FIN320	Empirical Research in Finance
9	FIN401	Financial Management
10	FIN405	Venture Capital and the Finance of Innovation
11	FIN410	Buyouts and Acquisitions
12	FIN424	Fixed Income Investments
13	FIN425	Branch Banking
14	FIN426	Lending- Products, Operations and Risk Management
15	FIN427	Finance of International Trade and Related Treasury Operations
16	FIN428	Introduction to Marketing of Financial Services
17	FIN429	Information Technology in Financial Services
18	FIN430	Financial Information System

# List of courses

## Finance courses (Contd.)

S.No.	Course code	Course title
19	FIN451	Investment Banking
20	FIN452	International Finance
21	FIN453	Security Analysis
22	FIN454	Corporate Finance
23	FIN455	Portfolio Management
24	FIN456	Financial Risk Management
25	FIN457	Derivatives
26	FIN458	Fundamentals of Treasury and Fund Management
27	FIN501	Advance Corporate Finance
28	FIN506	Business Finance I
29	FIN507	Business Finance II
30	FIN531	Financial Intermediation
31	FIN532	Advance Credit Management
32	FIN533	Financial System – Process, Players, Status and Prognosis
33	FIN535	Treasury and Financial Derivatives
34	FIN536	Corporate Investment Banking
35	FIN541	The Strategic Management of Banks
36	FIN552	International Financial Management
37	FIN554	Investment Banking and Financial Services
38	FIN556	Security Analysis and Capital Markets
39	FIN558	Regulation and Financial Markets
40	FIN559	Islamic Finance
41	FIN560	Advanced Corporate Finance
42	FIN563	Advanced Portfolio Management
43	FIN565	Treasury and Fund Management
44	FIN567	Risk Management
45	FIN568	Derivatives and Risk Hedging
46	FIN569	Financial Econometrics
47	FIN570	Islamic Banking and Finance
48	FIN574	Financial Modeling
49	FIN577	Seminar in Finance

# List of courses

## Department of Management

### Management courses

S.No.	Course code	Course title
1	MGT201	Principles of Management
2	MGT211	Business Communication
3	MGT221	Organizational Behavior
4	MGT301	Ethics in a Corporate Society
5	MGT311	Production and Operations Management
6	MGT400	Management Theory and Practice
7	MGT401	Small Business Management
8	MGT411	Comparative Management
9	MGT421	Entrepreneurship
10	MGT430	Managerial Policy
11	MGT503	Managerial Communication
12	MGT506	Corporate Strategy
13	MGT507	Entrepreneurial Management
14	MGT510	Operations and Production Management
15	MGT512	Strategic Human Resource Management
16	MGT513	Business Strategy
17	MGT519	Personal Effectiveness and Communication (Non-Credit)
18	MGT531	Project Evaluation and Management
19	MGT552	Strategic Management
20	MGT555	Project Management
21	MGT556	Competitive Strategy from a Customer's Perspective
22	MGT557	Organizational Behavior and Leadership
23	MGT558	International Market Entry Strategies
24	MGT559	International Business
25	MGT561	Technology Innovation Management and Design

### Entrepreneurship courses

S.No.	Course code	Course title
1	MGT102/103	Foundation for Management and Entrepreneurship (FME)
2	ENT451	Marketing for Entrepreneurs
3	ENT452	Entrepreneurial Finance
4	ENT453	Business Law for Entrepreneurs

# List of courses

## Entrepreneurship courses (Contd.)

S.No.	Course code	Course title
5	ENT454	Entrepreneurial Management
6	ENT455	Family Business Management
7	ENT456	Developing Entrepreneurial Opportunities
8	ENT457	Women's Entrepreneurship and Leadership
9	ENT458	Social Entrepreneurship
10	ENT459	Financing Entrepreneurial Ventures
11	ENT460	New Technology Ventures
12	ENT461	Sustainable Entrepreneurship Strategies
13	ENT462	Corporate Entrepreneurship
14	ENT463	Creativity and Innovation
15	ENT464	Entrepreneurial Sales Strategy
16	ENT465	Co-Curricular Activities

## Human Resource Management (HRM) courses

S.No.	Course code	Course title
1	HRM401	Human Resource Management
2	HRM430	Recruitment and Selection Techniques
3	HRM445	Occupational Health and Safety
4	HRM451	Industrial Relations Management
5	HRM452	Organizational Analysis and Research
6	HRM453	Life Career Development
7	HRM455	Portfolio Management
8	HRM456	Training and Development
9	HRM457	HR and Information System
10	HRM458	Leading the Change Process
11	HRM462	Performance and Compensation Management
12	HRM530	Recruitment and Selection Techniques
13	HRM552	Organizational Development
14	HRM557	Team Management
15	HRM558	Leading the Change Process
16	HRM562	Performance and Compensation Management
17	HRM571	Training and Development

# List of courses

## Department of Marketing

### Marketing courses

S.No.	Course code	Course title
1	MKT201	Principles of Marketing
2	MKT301	Methods of Business Research
3	MKT401	Marketing Issues in Pakistan
4	MKT451	Advertising
5	MKT452	Consumer Behavior
6	MKT453	Sales Management
7	MKT454	Personal Selling
8	MKT455	Retail Management
9	MKT456	Supply Chain Management
10	MKT457	Dynamics of Distribution and Logistics
11	MKT458	Public Relations
12	MKT459	Export Marketing
13	MKT460	Direct Marketing
14	MKT461	Brand Management
15	MKT462	Essentials of Demand and Supply
16	MKT466	Digital Marketing
17	MKT501	Marketing Management
18	MKT503	Applied Business Research
19	MKT506	Branding and Creative Corporate Communication
20	MKT507	Marketing Analytics
21	MKT551	Advertising
22	MKT552	Consumer Behavior
23	MKT553	Entrepreneurial Management
24	MKT556	Social Marketing
25	MKT557	Dynamic Distribution and Logistics
26	MKT558	Customer Ascendancy
27	MKT559	Supply Chain Management
28	MKT561	Brand Management
29	MKT563	Digital Management

# List of courses

## Marketing courses (Contd.)

S.No.	Course code	Course title
30	MKT566	Media Management
31	MKT569	Social Media Marketing
32	MKT570	Strategic Sourcing and Procurement
33	MKT571	Strategic Sourcing and Negotiation Skills
34	MKT573	Markstrat
35	MKT586	Retailing
36	MKT651	Personal Selling
37	MKT653	Sales Management
38	MKT656	Services Marketing
39	MKT657	Strategic Marketing
40	MKT658	Business to Business Marketing
41	MKT659	Global Marketing Management
42	MKT752	Seminar in Marketing

# List of courses

Department of Mathematical Sciences

## Mathematics courses

S.No.	Course code	Course title
1	MTS101	Calculus - I
2	MTS102	Introduction to Statistics
3	MTS110	Mathematical Methods
4	MTS112	Applied Probability Theory
5	MTS201	Logic and Discrete Structures
6	MTS202	Statistical Inference (with econometrics lab)
7	MTS203	Linear Algebra
8	MTS204	Calculus – III
9	MTS210	Regression Analysis and Experimental Design
10	MTS211	Discrete mathematics
11	MTS212	Business Mathematics and Linear Algebra
12	MTS231	Probability Theory
13	MTS113	Calculus - II
14	MTS241	Introduction to Differential Equations
15	MTS242	Multivariable Calculus
16	MTS301	Real Analysis
17	MTS302	Complex Analysis
18	MTS303	Advanced Differential Equations
19	MTS304	Stochastic Processes
20	MTS305	Abstract Algebra-I
21	MTS306	Numerical Analysis
22	MTS330	Optimization Techniques
23	MTS341	Real Analysis I
24	MTS411	Functional Analysis-I
25	MTS412	Functional Analysis-II
26	MTS413	Abstract Algebra-II
27	MTS414	Scientific Computing for Linear PDEs

# List of courses

## Mathematics courses (Contd.)

S.No.	Course code	Course title
30	MTS430	Probability and Statistical Models
31	MTS431	Numerical Solutions of PDEs
32	MTS432	Integral Equations
33	MTS433	Advanced Numerical Analysis-I
34	MTS434	Advanced Numerical Analysis-II
35	MTS435	Differential Geometry
36	MTS436	Partial Differential Equations
37	MTS437	Fluid Dynamics-I
38	MTS438	Fluid Dynamics-II
39	MTS441	Financial Mathematics with a Computational approach
40	MTS442	Computational Finance-I
41	MTS443	Modern Algebra-I (Galois Theory and Application)
42	MTS444	Modern Algebra-II (Commutative Rings and Fields)
43	MTS445	Measure Theory-I
44	MTS446	Measure Theory-II
45	MTS447	Operations Research-I
46	MTS448	Operations Research-II
47	MTS451	Topology-I
48	MTS452	Introduction to Differential Topology
49	MTS453	Financial Engineering
50	MTS506	Quantitative Methods for Decision-Making
51	MTS507	Non Linear Dynamic and Chaos
52	MTS508	Probability and Mathematical Statistics
53	MTS511	Advanced Real Analysis
54	MTS512	Measure Theory and Integration
55	MTS513	Topics in Algebra
56	MTS514	Topics in Commutative Algebra
57	MTS515	Advanced Numerical Analysis
58	MTS521	Scientific Computing
59	MTS525	Stochastic Processes II

# List of courses

## Mathematics courses (Contd.)

S.No.	Course code	Course title
60	MTS529	Stochastic Differential Equations
61	MTS533	Integral Equations-I
62	MTS536	Mathematical Statistics and Linear Algebra
63	MTS537	Mathematical Astronomy
64	MTS539	Homological Algebra
65	MTS541	Computational Algebraic Geometry
66	MTS545	Applicable Modern Geometry I
67	MTS549	Algebraic Geometry I
68	MTS551	Scientific Computing and Software
69	MTS553	Algebraic Cycles I
70	MTS557	Arithmetic Algebraic Geometry
71	MTS561	Exploratory Data Analysis
72	MTS562	Topics in Number Theory
73	MTS565	Mathematical Physics I
74	MTS569	Statistical Data Mining and Knowledge Discovery
75	MTS573	Statistical Machine Learning
76	MTS575	Topology and Geometry
77	MTS576	Scientific Computing I of PDEs
78	MTS577	Galois Theory
79	MTS581	Smooth Manifolds
80	MTS606	Category Theory
81	MTS621	Numerical Treatment of PDEs
82	MTS625	Financial Mathematics
83	MTS637	Computational Astronomy
84	MTS645	Applicable Modern Geometry II
85	MTS649	Algebraic Geometry II
86	MTS653	Algebraic Cycles II
87	MTS655	Algebraic Curves
88	MTS656	Iterative Methods for Sparse Linear Systems
89	MTS657	Polylogarithms

# List of courses

## Mathematics courses (Contd.)

S.No.	Course code	Course title
90	MTS658	Time Scale Calculus
91	MTS659	Computational Fluid Dynamics
92	MTS661	Multivariate Statistical Analysis
93	MTS662	Analysis on Manifolds
94	MTS664	Plane Curves and Singularities
95	MTS665	Mathematical Physics II
96	MTS666	Advanced Topology
97	MTS667	General Relativity and Cosmology
98	MTS668	Scientific Programming
99	MTS669	Convex Analysis
100	MTS670	Algebraic Number Theory
101	MTS671	Monomial Algebra
102	MTS672	Topics in Homological Algebra
103	MTS673	Computational Continuum Mechanics
104	MTS674	Algebraic Topology
105	MTS675	Quantum Mechanics I
106	MTS676	Special Relativity
107	MTS677	De Rham Cohomology
108	MTS691	Topics of Special Interest I
109	MTS692	Topics of Special Interest II
110	SCI102	Physics

# List of courses

## Department of Social Sciences and Liberal Arts

### Social Sciences and Liberal Arts courses

S.No.	Course code	Course title
1	SSC101	English Grammar and Composition
2	SSC102	Foundations of Human Behavior
3	SSC106	Intermediate English Grammar and Composition
4	SSC107	History of Economic Thought
5	SSC111	International Relations
6	SSC121	Major Themes in World History
7	SSC151	Pakistan History
8	SSC201	Arabic I
9	SSC202	Arabic II
10	SSC203	Arabic III
11	SSC204	Arabic IV
12	SSC205	French I
13	SSC206	French II
14	SSC207	French III
15	SSC208	French IV
16	SSC209	Mandarin I
17	SSC210	Mandarin II
18	SSC211	Mandarin III
19	SSC212	Mandarin IV
20	SSC213	Advanced English Composition
21	SSC216	Culture, Media, Society
22	SSC217	Introduction to Political Science
23	SSC218	Introduction to Psychology
24	SSC219	Interdisciplinary Social Science Seminar
25	SSC221	South Asian History
26	SSC231	Fundamentals of Sociology
27	SSC232	Introduction to Historical Methods
28	SSC233	Introduction to Social and Cultural Anthropology
29	SSC234	Introduction to Urban Studies
30	SSC235	Introduction to Linguistics

# List of courses

## Management Social Sciences and Liberal Arts courses (Contd.)

S.No.	Course code	Course title
31	SSC236	Introduction to Academic Writing
32	SSC238	History of Ideas II
33	SSC239	History of Ideas I
34	SSC240	Personal Effectiveness
35	SSC253	Corporate Social Responsibility
36	SSC301	Socioeconomic Philosophy of Islam
37	SSC302	Computational Research Methods
38	SSC330	German I
39	SSC331	German II
40	SSC491/SSC492	Culminating Experience

## Natural Sciences courses

S.No.	Course code	Course title
1	NSC351	History of Science
2	NSC352	Ideas of Physics
3	NSC353	Space, Time, and Space-Time
4	NSC354	Introduction to Environmental Sciences
5	NSC355	Principles of Ecology and Conservation
6	NSC356	History of Evolution
7	NSC357	Introduction to Geology
8	NCS358	Sustainable Cities and Communities
9	NCS359	An Introduction to the Philosophy of Physics
10	NCS360	Climate Change and Us
11	NSC361	Science and Medicine in Islamic Societies 700 – 1700

# List of courses

## Visual Studies and Humanities courses

S.No.	Course code	Course title
1	HUM201	Speech Communication
2	HUM340	An Introduction to Urdu Poetry and Poetics
3	HUM341	Freaks, Geeks and Monsters: Exploring the Role of the Other in Fiction
4	HUM350	Empire and Vision: Between Production and Representation of South Asian Cities
5	HUM351	Great Books
6	HUM352	Reading Poetry
7	HUM353	Introduction to Drama
8	HUM354	Introduction to Urdu Literature
9	HUM355	Anglo-Indian Narratives and the Postcolonial Subject
10	HUM356	Foundations of Philosophical Thought
11	HUM357	Philosophy, Logic, and Ethics
12	HUM358	Comparative Classical Philosophy
13	HUM359	Introduction to Comparative Religions
14	HUM360	Creative Writing
15	HUM361	Theater Project: The Living Newspaper
16	HUM363	Introduction to Visual Culture
17	HUM364	History of Art I: Classical Antiquity to the Middle Ages
18	HUM365	History of Art II: Renaissance to the Present
19	HUM366	Art of the Islamic World
20	HUM368	Intellectual and Cultural History of Muslim Spain
21	HUM369	The Making of the Mughal Empire: An Intellectual and Cultural History
22	HUM370	From Ghalib to Bollywood
23	HUM371	1947/1971: Interrogating Partitions, Narrative Selves
24	HUM372	History of Anthropological Thought
25	HUM374	Introduction to Literary Modernism
26	HUM375	Borders and Boundaries: South Asian and Middle Eastern Feminist Fiction
27	HUM376	A History of the Cold War
28	HUM377	Are We Becoming Post-Human? Technology, Society, Ethics
29	HUM378	A History of the Fable in its Greek, Arabic and Indic Traditions
30	HUM379	Don Quixote and its Andalusian Milieu
31	HUM380	Advanced Readings in Pakistan's History

# List of courses

## Visual Studies and Humanities courses (Contd.)

S.No.	Course code	Course title
32	HUM381	Sufis, Steppe Nomads and Silk Roads: A History of Islamic Central Asia
33	HUM382	An Introduction to the Philosophy of Mathematics
34	HUM383	Narrative and Identity in Pakistani Literature
35	HUM385	A Textual Introduction to Rumi
36	HUM386	Unearthly Things and Sad Destinies: An Introduction to Literary Theory
37	HUM387	Sufism: A Social, Political and Economic History
38	HUM388	An Introduction to the Islamic Scholarly Tradition
39	HUM450	Islamic Book Arts 1200-1800
40	HUM451	Screening the Body: Gender, Race and Nation in Visual Culture
41	HUM452	Ethnographic Theory and Practice
42	HUM453	Spirituality in Islam: Classical Texts and Themes
43	HUM454	Prophets in the Abrahamic Traditions
44	HUM455	Environmental Anthropology
45	HUM456	Evolution of Music in South Asia
46	HUM457	Ethnomusicology: Music and Culture
47	HUM458	Female Friendship in World Literature
48	HUM459	Introduction to Feminist Theory
49	HUM460	Food, Self and Society
50	HUM485	An Introduction to the Philosophy of Mind

## Media and Communication courses

S.No.	Course code	Course title
1	MCS301	Critical Theories and Methods
2	MCS302	Media Aesthetics and History: Film, TV and Digital Media
3	MCS303	Critical Media Practice I: Digital Image, Sound, and Story
4	MCS350	Lights, Camera, History: Representations of Medieval South Asia in Bollywood
5	MCS351	Media and Post-colonialism
6	MCS352	Media, Law, and Ethics
7	MCS353	Race, Class, and Gender in Film and Television
8	MCS354	The International Newsroom
9	MCS355	Analyzing the News
10	MCS356	Introduction to Visual Communication
11	MCS357	Crime and Legality in Visual Cultures
12	MCS358	Journalism Essentials for Business: Visibility in the Age of New Media
13	MCS359	Watching Films

# List of courses

## Media and Communication courses (Contd.)

S.No.	Course code	Course title
14	MCS360	History of Film
15	MCS361	The Non-Fiction Film
16	MCS362	Introduction to Television Studies
17	MCS363	Television Newsmagazines and Documentaries
18	MCS364	Foundations of Screenwriting
19	MCS365	Narratives Across Media
20	MCS366	Digital Activism and Democracy
21	MCS367	Media Convergence and the Virtual Public Sphere
22	MCS368	Media Anthropology
23	MCS370	The Western Travel Documentary in a Global Context
24	MCS371	Journalism and Public Discourse
25	MCS372	Political Communication
26	MCS373	Ethnicities, Diaspora and the Media
27	MCS374	Taking it Like a Man: American Masculinities in Visual Culture
28	MCS375	Literary and Visual Cultures in a New Media Age
29	MCS376	Parallel Cinema, Gender and Realism
30	MCS377	Fundamentals of Design and Communication
31	MCS378	Karachi in the Media
32	MCS379	Fan Studies: Theory and Practice
33	MCS401	Critical Media Practice II: Multimodal Publication and Design

## Political Science courses

S.No.	Course code	Course title
1	POL301	Research Methods in Political Science
2	POL302	History of Political Thought
3	POL303	Introduction to Comparative Politics
4	POL350	Political Violence, Civil War, and Terrorism
5	POL351	Political Psychology
6	POL352	Foreign Policy in China
7	POL353	An Introduction to Legal Theory
8	POL354	War: Conceptual Underpinnings
9	POL355	Human Rights and Law

# List of courses

## Political Science courses (Contd.)

S.No.	Course code	Course title
10	POL356	Environment and Politics
11	POL357	Diplomacy in a Globalized World
12	POL358	Islam and International Relations
13	POL359	The Modern Middle East
14	POL360	Studying the City in the Global South: Planning, Politics & Development
15	POL361	Democracy and Difference
16	POL362	Pakistan's Foreign Policy
17	POL363	Filthy Lucre: A Political History of Money
18	POL364	Political Philosophy
19	POL365	Introduction to Foreign Policy Analysis
20	POL366	Culture and Power in Human Societies
21	POL367	Global Urbanisms
22	POL370	Politics in Colonial and Post-Colonial Punjab
23	POL371	Modern Political Ideologies: Liberalism, Socialism, Anarchism
24	POL372	Negotiation and Conflict Resolution
25	POL373	History, Theory and Practice of Diplomacy
26	POL376	Perspectives in Pakistan's Political Economy
27	POL377	Politics of Resistance in the Middle East
28	POL378	China's Contemporary Security Environment
29	POL379	Women's Issues and Activism in Pakistan
30	POL401	International Politics
31	POL402	Political Systems and Political Regimes
32	POL450	Winners, Losers, and Bystanders: Political Economy Perspectives on Global Changes
33	POL451	Transnational Islamic Politics in the Post-9/11 World

## Psychology courses

S.No.	Course code	Course title
1	PSY275	Memory and Attention
2	PSY301	Research Methods in Psychology
3	PSY302	Human Development
4	PSY303	Personality, Identity, and the Self
5	PSY304	History and Systems of Psychology
6	PSY350	Consumer Psychology

# List of courses

## Psychology courses (Contd.)

S.No.	Course code	Course title
7	PSY351	Introduction to Social Psychology
8	PSY352	Industrial and Organizational Psychology
9	PSY353	Media Psychology
10	PSY354	Psychology of Conflict
11	PSY355	Introduction to Developmental Psychology
12	PSY356	Attachment and Loss
13	PSY357	Child and Adolescent Development
14	PSY358	Psychology of Aging
15	PSY359	Introduction to Cognitive Psychology
16	PSY360	Sensation and Perception
17	PSY361	Human Memory
18	PSY362	Abnormal Psychology
19	PSY363	Psychology of Human Emotion
20	PSY364	Gender Psychology
21	PSY365	Counseling Psychology
22	PSY366	Cyber Psychology
23	PSY367	Personality Psychology
24	PSY368	Educational Psychology
25	PSY373	Environmental Psychology
26	PSY374	Climate Change: Psychology of Denial, Impacts, and Adaptation
27	PSY376	Forensic and Criminal Psychology
28	PSY401	Language, Memory, and the Human Mind

## History courses

S.No.	Course code	Course title
1	HST301	From Empires to Nation-States: A History of the Pre-20th Century World
2	HST302	Topics in Historiography
3	HST303	Twentieth Century Global History
4	HST304	Research Methods in History: Primary Source Genres
5	HST351	A History of the Indian Ocean World
6	HST352	Historiography of Early Islam
7	HST353	Ecological History
8	HST354	The Ottoman, Safavid, and Mughal Empires

# List of courses

## Courses offered by the Centre for Executive Education

### PGD Healthcare Management

S.No.	Course code	Course title	
1	HCM535	Epidemiology & Bio Statistics	Core
2	MGT512	Strategic Human Resource Management	Core
3	MGT503	Managerial Communication	Core
4	HCM536	Health Systems & Policies	Core
5	MKT505	Advanced & Applied Business Research	Core
6	SCM531	Accounting & Finance for Managers	Core
7	MGT510	Operations & Production Management	Core
8	MGT557	Organizational Behavior & Leadership	Core
9	HCM503	Health Management Information Systems	Core
10	SCM548	Quality Management	Core
11	PRJ501	Capstone Group Project	Core
12	HCM537	Health Promotion & Evaluation	Elective
13	HCM539	Hospital Planning, Design & Architecture	Elective
14	MKT559	Supply Chain Management	Elective
15	MKT553	Entrepreneurial Management	Elective
16	MGT531	Project Evaluation & Management	Elective
17	LAW501	Legal & Regulatory Environment of Business	Elective

### PGD Human Resource Management

S.No.	Course code	Course title	
1	MGT557	Organizational Behavior and Leadership	Core
2	MGT512	Strategic Human Resource Management	Core
3	MKT505	Advanced and Applied Business Research	Core
4	LAW511	Ethics, legal and Regulatory consideration in HR	Core
5	SCM531	Accounting & Finance for Managers	Core
6	HRM539	Compensation and Benefits Management	Core
7	HRM530	Recruitment & Selection Techniques	Core
8	HRM538	Performance Management System	Core
9	HRM528	Human Resource Information Systems	Core
10	HRM571	Training & Development	Core

# List of courses

## PGD Human Resource Management (Contd.)

S.No.	Course code	Course title	
11	PRJ501	Capstone Group Project	Core
12	HRM551	Industrial Relation Management	Elective
13	HRM537	Employee Engagement & Retention	Elective
14	HRM558	Leading the Change Process	Elective
15	HRM555	Occupational Environment, Health & Safety	Elective
16	HRM520	Organizational Structure & Culture	Elective
17	HRM536	HR as Strategic Business Partner	Elective

## PGD Project Management

S.No.	Course code	Course title	
1	PMG501	Project Management Framework & Tools	Core
2	PMG511	Project Planning, Execution & Control	Core
3	MTS506	Quantitative Methods for Decision Making	Core
4	PMG541	Project Management Information Systems	Core
5	PMG533	Project Procurement Management	Core
6	SCM531	Accounting & Finance for Managers	Core
7	PMG571	Project Risk Management	Core
8	PMG521	Leading Project Organization	Core
9	PMG601	Special Topics in Project Management	Core
10	PMG532	Project Feasibility Analysis	Core
11	PRJ501	Capstone Group Project	Core
12	PMG551	Establishing Effective PMOs	Elective
13	PMG561	Public Sector Project Management	Elective
14	MKT559	Supply Chain Management	Elective
15	SCM548	Quality Management	Elective
16	LAW501	Legal and Regulatory Environment of Business	Elective

# List of courses

## PGD Public Policy

S.No.	Course code	Course title	
1	PUP531	Microeconomics and Public Policy	Core
2	PUP532	Communication for Public Policy Professionals	Core
3	PUP533	Contemporary Global Affairs	Core
4	MTS506	Quantitative Methods for Decision Making	Core
5	PUP534	Macroeconomics for Policy Analysts	Core
6	ECO544	Issues in Pakistan Economy	Core
7	PUP535	Socio-Economic Development and Policy	Core
8	PUP536	Theory and Practice of Public Finance	Core
9	ECO560	Public Policy Analysis: Theory and Practice	Core
10	PUP537	Policy Design and Delivery	Core
11	PRJ501	Capstone Group Project	Core
13	PUP541	Lessons from policies that went wrong: Seminar	Elective
14	PUP542	Advanced Public Policy Analysis	Elective
15	PUP543	Institutions, Politics and Governance	Elective
16	SCM543	Globalization and Import-Export Policy	Elective
17	LAW501	Legal and Regulatory Environment of Business	Elective
18	MGT531	Project Evaluation and Management	Elective
19	MGT557	Organizational Behavior and Leadership	Elective

# List of courses

## PGD Supply Chain Management

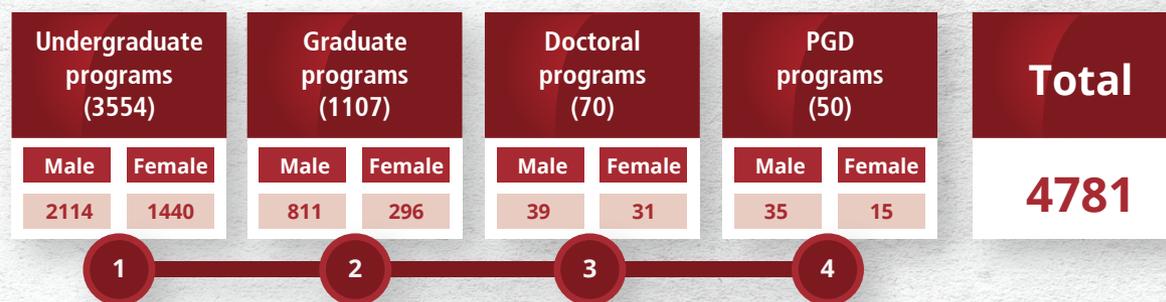
S.No.	Course code	Course title	
1	MKT559	Supply Chain Management	Core
2	SCM531	Accounting & Finance for Managers	Core
3	MGT510	Operation & Production Management	Core
4	MKT571	Strategic Sourcing & Negotiation Skills	Core
5	MTS506	Quantitative Methods for Decision Making	Core
6	SCM532	Logistics: Transportation & Warehousing	Core
7	SCM533	Enterprise Resource Planning (ERP)	Core
8	SCM534	Managing Contracts & Supplier Relationship	Core
9	SCM544	Supply Chain Modeling & Simulation	Core
10	SCM535	Distribution & Supply Chain Network Design	Elective
11	SCM542	Supply Chain Performance Evaluation	Elective
12	SCM548	Quality Management	Elective
13	MGT555	Project Management	Elective
14	SCM541	Supply Chain Sustainability & Business Continuity	Elective
15	LAW501	Legal & Regulatory Environment of Business	Elective
16	SCM543	Globalization and Import-Export Policy	Elective
17	SCM549	Manufacturing Strategy	Elective
18	SCM545	Customer Relationship Management (CRM)	Elective
19	SCM546	Forecasting and Marketing Management	Elective
20	MGT557	Organizational Behavior & Leadership	Elective
21	PRJ501	SCM Project (Capstone)	Project

# Student Enrollment Statistics (Spring 2021)

Academic Programs	Number of Enrolled Students	Total Male Students	Total Female Students
Bachelor of Business Administration (BBA)	1098	614	484
BS Accounting and Finance	892	604	288
BS Computer Science	617	460	157
BS Economics	402	228	174
BS Economics & Mathematics	234	128	106
BS Social Sciences & Liberal Arts	311	80	231
MBA Evening	338	255	83
MBA Executive	310	263	47
MBA – Morning	200	113	87
MS Computer Science	95	75	20
MS Data Science	35	27	08
MS Economics	22	10	12
MS Islamic Banking & Finance	64	51	13
MS Journalism	06	03	03
MS Management	23	11	12
MS Mathematics	14	3	11
PhD Computer Science	31	14	17
PhD Economics	13	10	03
PhD Mathematics	26	15	11

## Enrollment

Every year a huge number of students apply to study at the Institute, of which the deserving candidates enter the IBA. The table below shows how many students enrolled in 2020 - 21 by academic programs. It showcases that: (a) total enrollment is 4781 students; (b) the student body is roughly three-quarters undergraduate and one-quarter post-graduate; (c) business-related degree programs attract most students and (d) the overall gender ratio is 63% male and 37% female.



Total Male Students: 2999

Total Female Students: 1782

Male Students: 63%

Female Students: 37%

# Sports

## Student Achievements in sports 2020-21

S. No.	Event	Organizer	Sports	Position	No. of Students
1	HEC Zone G Inter Varsity Boys Basketball Championship 2020-21	PAF-KIET	Basketball	1st	10
2	HEC Zone G Inter Varsity Boys Badminton Championship 2020-21	IoBM	Badminton	2nd	05
3	HEC Zone G Inter Varsity Boys Table Tennis Championship 2020-21	Iqra University	Table Tennis	2nd	05
4	HEC All Pakistan Inter Varsity Boys Netball Championship 2020-21	IBA Karachi	Netball	Participated	12
5	HEC All Pakistan Inter Varsity Girls Netball Championship 2020-21	IBA Karachi	Netball		12
6	HEC All Pakistan Inter Varsity Girls Football Championship 2020-21	N.E.D University	Netball		16
7	HEC All Pakistan Inter Varsity Girls Badminton Championship 2020-21	Shaheed Benazir Bhutto University Shaheed Benazir Abad	Badminton		05
8	HEC All Pakistan Inter Varsity Girls Table Tennis Championship 2020-21	Shah Abdul Latif University Khairpur	Table Tennis		05
9	HEC Zone G Inter Varsity Boys Cricket Championship 2020-21	Hamdard University	Cricket		16
10	HEC Zone G Inter Varsity Boys Football Championship 2020-21	NED University	Football		16
11	HEC All Pakistan Inter Varsity Boys Table Tennis Championship 2020-21	Iqra University	Table Tennis		05
12	HEC All Pakistan Inter Varsity Boys Archery Championship 2020-21	Abdul Wali Khan Mardan University	Archery		05

# Sports



## Excellence in sports

Mahoor Shahzad, Class of 2018, has the honor of being the first Pakistani badminton player to qualify for the Tokyo Olympics Games 2020. She is also ranked amongst the top 133 women players in the world. The IBA Karachi is proud of our alumna for representing Pakistan in the international arena and we wish her tremendous success in her future endeavours.



Mahoor Shahzad

# Contact Information

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City Campus	1105	1271	1003	1502	1008 and 1502	1468	1461

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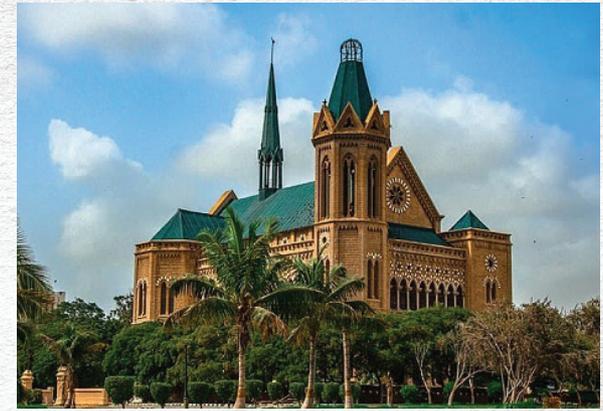
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# The Karachi Edge

Karachi, a diverse metropolis encapsulates a multitude of ethnicities, cultures, and historical architecture. Being Pakistan's premier industrial and financial hub, the city offers ample employment opportunities to people from across Pakistan. Karachi is the most populous city of the country, with approximately 16.45 million inhabitants belonging to different faiths and ethnicities. Majority of the population comprises of descendants of migrants from India. Other ethnicities include Pashtuns, Sindhi, Punjabi, Gilgiti, and Balochi and it is this beautiful mix of diverse cultures and traditions that makes Karachi a wonderful place to live in.



The geographic location of the city gives it a strategic advantage in terms of trade and international politics. Being situated at the coast of the Arabian Sea, Karachi serves as a transport hub, and is home to two of Pakistan's largest seaports, the Port of Karachi and Port Qasim. The modern-day version of the city has a rich history, which is evident from several historical monuments that adorn it. From the Frere Hall serving as a reminiscent of the colonial era, the Mohatta Palace serving as a symbol of Rajput splendour, and the Mazar-e-Quaid standing as a historical reminder of the struggle and victory of our nation, Karachi is a unique city that mesmerizes all with its progression and resilience.

Being one of the world's biggest cities, Karachi has a multitude of recreational activities, from cinema halls, theatres, art galleries, waterparks, and adventure theme parks, all amidst the hustle and bustle of the corporate world. Karachi is the City of Lights, the heart of Pakistan that never sleeps and lives on in the hearts of all those that have the pleasure of experiencing its everlasting charm.



Source:

**Karachi's population**

<http://worldpopulationreview.com/world-cities/karachi-population/>

# The Pakistan Edge



The Islamic Republic of Pakistan has a population of approximately 225.50 million and consists of four diverse provinces namely Sindh, Punjab, Khyber Pakhtunkhwa, and Baluchistan. Pakistan is an ethnically and culturally diverse country, comprising of people from diverse backgrounds. The country is known for its resilience as it has survived wars, martial law, as well as political and social upheavals.

The economy of Pakistan is semi-industrialized with primary export commodities including textiles, leather goods, sports goods, carpets and rugs agricultural products, and medical instruments. Megacities like Karachi, Lahore, and Islamabad are hubs of economic activity that attract diverse individuals from across Pakistan and other countries.

The Pakistani culture borrows from civilizations such as the ancient Indian civilization, the centuries-old Mughal empire as well as influences from the British colonial rule. Since its inception, education has been a major developmental priority for the country. Despite limited educational budgets, over the years Pakistan has managed to successfully establish and run several world-class educational institutes, including IBA and other public and private universities. A few internationally renowned academics and intellectuals from Pakistan include Theoretical Physicist and Nobel Prize winner, Dr. Abdus Salam; Scientist and Co-Chair of UNESCAP, Dr. Atta ur Rahman; acclaimed writers Mohammad Hanif, Mohsin Hamid, Kamila Shamsie, and Oscar-winning filmmaker, Sharmin Obaid Chinoy, to name a few.

Source:  
[Pakistan's population](https://worldpopulationreview.com/countries/pakistan-population)  
<https://worldpopulationreview.com/countries/pakistan-population>

# Calendar of holidays

Gazetted/public holiday 2021	
Independence Day	14 August, 2021
Ashura*	18 and 19 August, 2021
Eid Milad-un-Nabi*	19 October, 2021
Birth anniversary of Quaid-e-Azam	25 December, 2021

Local/optional holidays 2021	
Urs of Shah Abdul Latif Bhattai (14 Safar)**	22 September, 2021
Death Anniversary of late Benazir Bhutto**	27 December, 2021

Gazetted/public holiday 2022	
Kashmir day	5 February, 2022
Pakistan day	23 March, 2022
Labour day	1 May, 2022
Eid-ul-Fitr*	03, 04 & 05 May, 2022
Eid-ul-Azha*	10, 11 & 12 July, 2022
Independence day	14 August, 2022
Ashura*	09 & 10 August, 2022
Eid Milad-un-Nabi*	09 October, 2022
Birth anniversary of Quaid-e-Azam	25 December, 2022

Local/optional holidays 2022	
Death anniversary of late Zulfiqar Ali Bhutto**	04 April, 2022
Urs of Shah Abdul Latif Bhattai (14 Safar)**	11 September, 2022
Death anniversary of late Benazir Bhutto**	27 December, 2022

\* Subject to moon sighting

\*\* Subject to receiving notification from the Government of Sindh

# Excerpts of the academic calendar 2021-2022

June 07, 2021  
to  
August 03, 2021

**Summer  
semester  
2021**

August 21, 2021

**Orientation**

August 23, 2021 to  
December 21, 2021

**Fall semester  
2021**

\*Subject to the prevalent  
situation due to Covid-19

**Convocation  
2021**

January 16, 2022

**Orientation**

January 17, 2022 to  
May 23, 2022

**Spring  
Semester  
2022**

June 06, 2022 to  
August 02, 2022

**Summer  
Semester  
2022**

August 21, 2022

**Orientation**

August 22, 2022

**Fall  
Semester  
2022**

# Milestones in the journey of excellence

## 1955

- The Institute of Public and Business Administration (IPBA) was established with the assistance from USAID. Program commenced in the YMCA building in Karachi, with technical support from the then Wharton School of Finance and Commerce, University of Pennsylvania, USA
- The IBA City Campus was established with 4 classrooms, a reading hall, and 2 offices (8,000 sq.ft) in PIIA building on Havelock Road

## 1956

- A two-year MBA morning program was commenced as a constituent unit of the University of Karachi
- Faculty was hired in the department of Public and Business Administration, in collaboration with the University of Pennsylvania and assisted by United States International Corporation Administration, now USAID

## 1957

- A two-year MBA evening program was launched

## 1961

- Planning and construction of both, Main and City Campuses commenced

## 1965

- The faculty of IBA, Dhaka University and Kelley School of Business jointly developed the two-year MBA program for former East Pakistan

## 1966

- First computer course, Electronic Data Processing, was offered

## 1967

- Construction of both the campuses was completed; morning and evening classes commenced at the Main Campus in 1965, and at the City Campus in 1967

## 1968

- A two-year BBA program was introduced

## 1982

- A three-year BBA (Hons.) program was launched

## 1983

- A two-year MBA (MIS) program was launched

- Centre for Computer Studies was established in collaboration with IBM, Pakistan
- PGD (System Analysis) program was launched

## 1987

- The IBA laid down the foundation for the Centre of Excellence with the help of USAID

## 1989

- PGD (System Analysis) program was upgraded to 2-year MBA(MIS) program

## 1990

- A two-year MBA (Banking) program was introduced in collaboration with ANZ-Grindlays Bank

## 1993

- A two-year MBA Executive program was launched at the City Campus
- An additional two-storey building (FCS) was built at the City Campus
- A three-year BBA Executive program was launched at the City Campus

## 1994

- The IBA became independent from KU after it received a charter, declaring it to be a fully autonomous, degree awarding Institution

## 1997

- 3-year BBA(MIS) honors program was announced to cater to the increasing role of information technology in business
- MIS program was renamed to Management Information System and Sciences program in recognition of the fact that it covers both Information Systems and Computer Sciences

## 1998

- PGD (Computer Science) evening program was offered to part-time students
- A 3-year Bachelors in Computer Science (BCS) honors program with concentration in Software Engineering was announced
- A three-year BBA (MIS) program was introduced
- A three-year BS (Computer Science) program was launched

## 2002

- All undergraduate programs were upgraded to 4-year

- degree programs
- Centre for Executive Education (CEE) was established

## 2004

- The National Talent Hunt (NTHP) program was launched to facilitate talented and needy students from all over Pakistan

## 2005

- PhD in CSE, MIS and ICT was offered

## 2008

- 4-year BCS degree title renamed to BS (Computer Science)
- BS (Software Engineering) and BS (Information Technology) were offered
- A two-year MS (Computer Science), MS (Information Technology) and MS (Software Engineering) were offered

## 2009

- Online admission system was launched
- Complete revamp of IT network infrastructure
- MBA Executive (weekend) program of 2.5 years was launched to meet the high demand of professionals
- The Center for Computer Studies was renamed to Center for CS and MIS
- Signed MoU with CFA Institute
- A 10-year MoU was signed with Babson College, USA for setting up IBA Center for Entrepreneurial Development (CED)
- IBA launched AMAN Center for Entrepreneurial Development (CED)

## 2010

- Enterprise Resource Planning (ERP) was implemented
- The Center for CS and MIS was renamed to Faculty of Computer Science
- MS (Economics) program was introduced
- Dean's List and the Best Final Year Project awards were introduced
- MoU was signed with Babson College, USA
- IBA AMAN-CED entered into a strategic partnership with Babson College

## 2011

- MBA curriculum was revamped, requiring a minimum of two years of relevant work experience
- PhD (Economics) program was launched

- The IBA received membership of European Foundation for Management Development
- Departments of Mathematical Sciences and Social Sciences and Liberal Arts were established
- IBA awarded South Asia Quality Assurance Systems (SAQS) accreditation by AMDISA
- IBA AMAN-CED introduced BBA Entrepreneurship program

## 2012

- Learning Management System (LMS) was implemented
- Alumni crossed the 10,000 graduates mark
- A four-year BS (Economics and Mathematics) program was launched
- Memorandum of collaboration was signed with the University of Malaya
- MoU was signed with the Indian School of Business (ISB) to promote executive education in Pakistan
- MoU was signed with SP Jain Institute of Management and Research
- MS Mathematics, PhD Mathematics and MS programs leading to PhD in Economics and Mathematics were launched
- The IBA was registered as an education provider of the Project Management Institute (PMI), USA
- Inauguration of AMAN-CED building

## 2013

- Construction of Abdul Razzak Tabba Academic Block was completed at the Main Campus
- Construction of Alumni Students' Centre was completed at the Main Campus
- Construction of a sports arena was completed at the Main Campus
- Construction of Captain Haleem Ahmad Siddiqui Boys Hostel with a 150-bed capacity was completed at the Main Campus
- Construction of M. Habibullah visiting faculty residence was completed at the Main Campus
- Tier III data center was established at the City Campus
- A four-year undergraduate program was launched at the Department of Social Sciences and Liberal Arts
- A four-year undergraduate program was launched at the Department of Accounting and Finance
- MoU was signed with the Institute of Chartered Accountants

- of Pakistan (ICAP) for the BS Accounting and Finance program

- MoU was signed with the Institute of Bankers Pakistan (IBP) for the BS Accounting and Finance program
- IBA International Resource Center (IRC) was established to facilitate student and faculty exchanges as well as research collaborations
- IBA Ardeshir Cowasjee Center for Writing was established as an initiative of the Social Sciences and Liberal Arts Department
- IBA AMAN-CED started in-house incubation services/facilities

## 2014

- Parvez Abbasi Prayer Hall was constructed at the Main Campus
- Construction of a new Girls hostel with a 100-bed capacity was completed at the IBA staff town
- Construction of a 430-seat Jahangir Siddiqui Auditorium was completed at the City Campus
- The Centre for Excellence in Journalism (CEJ-IBA) was established through a collaboration between IBA Karachi, Medill School of Journalism at Northwestern University and the ICFJ with the help of a grant from the U.S. Department of State
- MoU was signed with the Chartered Institute of Management Accountants (CIMA) for the BS Accounting and Finance program
- MoU was signed with the Association of Chartered Certified Accountants (ACCA) for the BS Accounting and Finance program
- IBA AMAN-CED signed an agreement with the World Bank to promote women entrepreneurship

## 2015

- Centre for Excellence in Islamic Finance (IBA-CEIF) was established at the Aman Tower
- PGD in Supply Chain Management, Human Resource Management, and Healthcare Management was introduced
- IBA AMAN-CED partnered with Sri Lankan Chamber to help them establish an entrepreneurial center in Sri Lanka

## 2016

- Aman Tower, a 14-storey building was inaugurated at the

- City Campus
- Equipped with state-of-the-art facilities, the CEJ-IBA office was inaugurated at the Aman Tower
- MOU signed with the International Centre for Education in Islamic Finance (INCEIF), Malaysia for cooperation with the IBA Centre for Excellence in Islamic Finance

## 2017

- Martin Dow clinic was constructed at the Main Campus
- 2 years MS in Islamic Banking and Finance program was introduced by CEIF

## 2018

- Martin Dow clinic was inaugurated at the Main Campus
- Launch of the IBA Job Portal
- CEJ-IBA introduced MS Journalism program
- BS in Economics was introduced
- Approval of MS (Management) program by HEC

## 2019

- MS Management was launched and its first batch was inducted
- A neuromarketing biometric lab was established at the Main Campus

## 2020

- MS Data Science was introduced by the Department of Computer Science
- MS Finance was launched by the Department of Finance
- Announcement of establishment of 3 schools each with its own Dean, replacing the Associate Deans of the Faculty of Business Administration and the Faculty of Computer Science

## 2021

- The IBA Karachi established three schools: School of Business Studies (SBS), School of Economics and Social Sciences (SESS), and School of Mathematics and Computer Science (SMCS)
- MS Development Studies was launched by SESS under the Social Science and Liberal Arts Department
- The IBA launched the groundwork of the solar project, which will have an output capacity of 802 kilowatt of renewable energy



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