

IBA



**Department of Economics
Faculty of Business Administration
Institute of Business Administration
Karachi**



BS in Economics

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Eligibility for Admission

Higher Secondary School Certificate (any group) with a minimum of 60% marks

OR

'A' Level with 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)

(Eligibility is the same as that for BS in Social Sciences and Liberal Arts and BS Accounting and Finance at IBA)

Curriculum Structure

Duration	4 years
Semesters	8
Semester duration	18 weeks
Total number of credit hours	126
Number of courses	40
Research Project	1
Number of courses per semester	5 courses (and project in 7th semester)
Course load per semester (credit hours)	15-19

Required Courses and Project

Sr.	Categories	Number of Courses	Credit Hours
1	University Core Courses	4	12
2	Economics Core Courses	16	50
3	Economic Research Project (Core)	1	4
4	Economics Elective Courses	4	12
5	Supporting Courses (Mathematics 3 and Statistics 2) (Core)	5	15
6	Non-specialization Courses (3 core + 8 electives)	11	33
	Total	41	126

University Core Courses

Sr.	Course Name	Credit Hours
1	English Grammar and Composition	3
2	Pakistan History	3
3	Speech Communication	3
4	*Socioeconomic Policy of Islam OR Philosophy, Logic and Ethics	3
	Total	12

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

Economics Core Courses and Project

Sr.	Course Name	Credit Hours
1	Principles of Microeconomics	3
2	Principles of Macroeconomics	3
3	Intermediate Microeconomics	3
4	Intermediate Macroeconomics	3
5	Microeconomic Theory	3
6	Macroeconomic Theory	3
7	Mathematical Economics	3
8	Major Issues in Pakistan's Economy	3
9	Contemporary Issues in Global Economics	3
10	Development Economics I	3
11	Development Economics II	3
12	Applied Econometrics I	4
13	Applied Econometrics II	4
14	Research Methods in Economics	3
15	International Economics	3
16	History of Economic Thought	3
17	Economics Research Project	4
	Total	54

Economics Elective Courses

Sr.	Course Name	Credit Hours
1	Economics Elective I	3
2	Economics Elective II	3
3	Economics Elective III	3
4	Economics Elective IV	3
	Total	12

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

Sr.	Course Name	Credit Hours
1	Financial Economics	3
2	Public Finance	3
3	Public Economics	3
4	Labour Economics	3
5	Natural Resource and Environmental Economics	3
6	Monetary Economics	3
7	Health Economics	3
8	Resource Economics	3
9	Time Series Econometrics	3
10	Climate Change Economics	3
11	Public Policy Analysis	3
12	Microeconomics for Policy Analysis	3

Supporting Courses (Mathematics)

Sr.	Course Name	Credit Hours
1	“Calculus with Applications I” OR Calculus I	3
2	“Calculus with Applications II” OR Calculus II	3
3	“College Algebra” OR “Linear Algebra”	3
	Total	9

Supporting Courses (Statistics)

Sr.	Course Name	Credit Hours
1	Introduction to Statistics	3
2	Statistical Inferences	3
	Total	6

Non- specialization Courses

Sr.	Course Name	Credit Hours
1	Introduction to Computer Applications	3
2	Essential Software	3
3	Intermediate English Grammar and Composition	3
4	Non- Specialization Elective I	3
5	Non- Specialization Elective II	3
6	Non- Specialization Elective III	3
7	Non- Specialization Elective IV	3
8	Non- Specialization Elective V	3
9	Non- Specialization Elective VI	3
10	Non- Specialization Elective VII	3
11	Non- Specialization Elective VIII	3
	Total	33

Non- Specialization Elective Courses

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

HEC Layout for BS Program

Compulsory Requirements (The student has no choice)		General Courses to be chosen from other Departments		Discipline Specific Foundation Courses		Major courses including research project/internship		Elective Courses within the major	
9 courses		7-8 courses		9-10 courses		11-13 courses		4 courses	
25 credit hours		21-24 credit hours		30-33 credit hours		37-42 credit hours		12 credit hours	
Subject	Cr. Hr	Subject	Cr. Hr	Subject	Cr. Hr	Subject	Cr. Hr	Subject	Cr. Hr
1. English I	3								
2. English II	3								
3. English III	3								
4. English IV/ University Optional*	3								
5. Pakistan Studies	2								
6. Islamic Studies/ Ethics	2								
7. Mathematics I	3								
8. Mathematics II/ University Optional**	3								
9. Introduction to Computer	3								
	25								

* University has the option to recommend any other course in lieu of English IV

** University may recommend any other course in lieu of Mathematics II

Program Structure as per HEC Layout

Compulsory Requirements (the student has no choice)		General Courses to be chosen from other departments	Discipline Specific Foundation Courses		Major courses including research project/internship		Elective Courses within the major	Total
9 courses (27 credit hours)		8 courses (24 credit hours)	9 courses (27 credit hours)		11 (10 courses and 1 Research Project) (36 credit hours)		4 courses (12 credit hours)	41 (126 cr. hrs)
1. English Grammar and Composition	3	Students can select 8 courses from any discipline other than Economics, including: Accounting, Finance, Marketing, Management, Social Sciences, Mathematics, Statistics, and Computer Science.	1. Principles of Microeconomics	3	1. Microeconomic Theory	3	Students can select any four elective economics courses.	
2. Speech Communication	3		2. Principles of Macroeconomics	3	2. Macroeconomic Theory	3		
3. Intermediate English Grammar and Composition	3		3. Intermediate Microeconomics	3	3. Applied Econometrics I	4		
4. Essential Software	3		4. Intermediate Macroeconomics		4. Applied Econometrics II	4		
5. Pakistan History	3		5. Introduction to Statistics	3	5. International Economics	3		
6. Socioeconomic philosophy of Islam (SEPI) OR Philosophy, logic and ethics. (PLE)	3		6. Statistical Inferences	3	6. Contemporary Issues in Global Economics	3		
7. Calculus with Applications I OR Calculus I	3		7. Development Economics I	3	7. Development Economics II	3		
8. Calculus with Applications II OR Calculus II	3		8. Research Methods in Economics	3	8. Mathematical Economics	3		
9. Introduction to Computer Applications	3		9. College Algebra OR Linear Algebra	3	9. Major Issues in Pakistan's Economy	3		
					10. History of Economic Thought	3		
				11. Economics Research Project	4			
4 university core + 3 Non-specialization + 2 supporting mathematics courses		8 Non-Specialization courses	6 Economics core + 1 Supporting Mathematics + 2 Supporting Statistics courses		10 Economics core + 1 Economics Research Project		4 Economics Electives	

Semester-wise Sequence of Courses

Semester	Name of Subject	Credit Hours
First	English Grammar & Composition	3
	Pakistan History	3
	Introduction to Computer Applications	3
	Principles of Microeconomics	3
	College Algebra OR Linear Algebra	3
	(5 courses)	Total: 15
Second	Speech Communication	3
	Socioeconomic Philosophy of Islam OR Philosophy, Logic and Ethics	3
	Principles of Macroeconomics	3
	Calculus with Applications I OR Calculus I	3
	Non- Specialization Elective I	3
	(5 courses)	Total: 15
Third	Intermediate English Grammar and Composition	3
	Introduction to Statistics	3
	Intermediate Microeconomics	3
	Calculus with Applications II OR Calculus II	3
	Non- Specialization Elective II	3
	(5 courses)	Total: 15
Fourth	Essential Software	3
	Intermediate Macroeconomics	3
	Development Economics I	3
	Statistical Inferences	3
	Non- Specialization Elective III	3
	(5 courses)	Total: 15
Fifth	Microeconomic Theory	3
	Applied Econometrics I	4
	Development Economics II	3
	Mathematical Economics	3
	Non- Specialization Elective IV	3
	(5 courses)	Total: 16
Sixth	Macroeconomic Theory	3
	Applied Econometrics II	4
	Major Issues in Pakistan's Economy	3

	International Economics	3
	Non- Specialization Elective V	3
	(5 courses)	Total: 16
Seventh	Research Methods for Economics	3
	History of Economic Thought	3
	Economics Elective I	3
	Economics Elective II	3
	Non- Specialization Elective VI	3
	Economics Research Project	4
	(5 courses and 1 project)	Total: 19
Eighth	Contemporary Issues in Global Economics	3
	Economics Elective III	3
	Economics Elective IV	3
	Non- Specialization Elective VII	3
	Non- Specialization Elective VIII	3
	(5 courses)	Total: 15