

# **DEPARTMENT OF ECONOMICS FUUAST**

## **Bachelor of Science (BS) in Economics and Finance**

### **Introduction**

Bachelor of Science in Economics and Finance program is designed for those students who, after completing their 12 years of education, are looking for some knowledge based, career oriented and market determined educational program in the field of Economics and Finance jointly. The program is the blend of different courses like theoretical, quantitative and applied areas in economics and finance, which will enable the students to review, analyze and provide solutions to complex problems with intellectual independence.

### **Program Objectives**

The main objective is to achieve the highest possible standards of education, teaching and research in economics. More specific objectives are to:

- Impart sound theoretical and applied knowledge of economics and finance.
- Provide a thorough understanding of the economic theory pertaining to global economic issues and its impact on Pakistan's economy.
- Develop an ability in students to become effective independent researchers and learners.
- Develop professionals with a sound knowledge in the field of economics and finance who can understand and analyze problems faced by developing country like Pakistan.
- Prepare students for advanced studies in economics and finance.

### **Admission Eligibility Criteria**

Intermediate/ A level (equivalent to 12 years of education) with at least 45% marks in any discipline.

### **Session**

The program is offered in Spring and Autumn Session.

## **Duration:**

- BS Economics and Finance is a 4 years program of 8 semesters.
- The minimum duration for the completion of this degree is four years and a maximum of seven years.
- After completing two years associate degree (A.D.) can be given with the completion of 70 credit hours.
- Students having 14 years of education or Associate Degree (A.D.) can be admitted in 5<sup>th</sup> semester of BS program. However, admission committee will decide about prerequisite subjects on case to case basis. Prerequisite course will be non-credit course.

## **Credit hours**

- The degree program of BS Economics and Finance is completed on earning of 132 required credits.
- A student is required to take 15-18 credit hours coursework per regular semester.
- The degree will be awarded on completion of 132 credits with a CGPA of at least 2.5/4

## **Minimum Promotion Criteria**

- There is no criterion for promotion from 1<sup>st</sup> to 2<sup>nd</sup> semester.
- In order to be promoted to 3<sup>rd</sup> semester the student should have cleared 80 % courses of combined 1<sup>st</sup> and 2<sup>nd</sup> semester as well minimum 1.5 CGPA is required.
- For promotion in 4<sup>th</sup> semester minimum 1.8 CGPA is required.
- In order to be promoted to 5<sup>th</sup> semester the student should have cleared all the courses of 1<sup>st</sup> and 2<sup>nd</sup> semester as well as 80 % combined courses of 3<sup>rd</sup> and 4<sup>th</sup> semester. A minimum 2.0 CGPA is also required.
- For promotion in 6<sup>th</sup> semester minimum 2.2 CGPA is required.
- In order to be promoted to 7<sup>th</sup> semester the student should have cleared all the courses of first, second, third and fourth semesters as well as 80 % courses of combined 5<sup>th</sup> and 6<sup>th</sup> semester. A minimum 2.2 CGPA is also required
- Undergraduate students with 3.0 CGPA or above up to 6<sup>th</sup> semester will be eligible to carry out a research project with 3.0 credit hours. In lieu of that they will be allowed to drop one course in 8<sup>th</sup> semester.
- Undergraduate students with 3.5 CGPA or above up to 6<sup>th</sup> semester will be eligible to carry out research and write thesis. The thesis will be of 6 credit hours. The student will be allowed to drop one course each in 7<sup>th</sup> and 8<sup>th</sup> semester.
- Undergraduate students can opt an internship of minimum of two months during last two years in the relevant field which will be equivalent to 3 credit hours.

## Courses

Semester-wise details of courses are given below

S. #	Course Code	Course Title	Cr. Hours
<b>Semester- I</b>			
1.	ECO-101	Islamic Studies/ Ethics (Compulsory)	3
2.	ECO-102	Urdu (Compulsory)	3
3.	ECO-103	Calculus (Compulsory)	3
4.	ECO-104	Introduction to Computer (Compulsory)	3
5.	ECO-201	Introduction to Microeconomics	3
6.	ECO-	General/Diversification I	3
<b>Semester- II</b>			
1.	ECO-107	Pakistan Studies (Compulsory)	3
2.	ECO-108	Descriptive Statistics	3
3.	ECO-109	Functional English (Compulsory)	3
4.	ECO-303	Fundamentals of Finance	3
5.	ECO-	General/Diversification I	3
6.	ECO-	General/Diversification II	3
<b>Semester- III</b>			
1.	ECO-203	Linear Algebra (Compulsory)	3
2.	ECO-202	Introduction to Macroeconomics	3
3.	ECO-209	English Comprehension and Composition (Compulsory)	3
4.	ECO-412	Financial Economics	
5.	ECO-	General/Diversification I	3
6.	ECO-	General/Diversification II	3
<b>Semester- IV</b>			
1.	ECO-204	Development Economics	3
2.	ECO-208	Statistical Inferences	3
3.	ECO-210	English Communication & Writing Skills (Compulsory)	3
4.	ECO-465	Money, Banking and Finance	3
5.	ECO-	General/Diversification I	3
6.	ECO-	General/Diversification II	3
<b>Semester- V</b>			
1.	ECO-305	Microeconomic Analysis	3
2.	ECO-306	Macroeconomic Controversies	3
3.	ECO-308	Mathematical Economics	3
4.	ECO-310	Basic Econometrics	3
5.	ECO-415	Financial Management	3
<b>Semester- VI</b>			
1.	ECO-301	Financial Modelling	3
2.	ECO-302	Financial Econometrics	3
3.	ECO-312	Monetary Economics	3
4.	ECO-313	Research Methodology	3
5.	ECO-314	Public Finance	3

<b>Semester- VII</b>			
1.	ECO-211	International Economics	3
2.	ECO-413	Corporate Finance	3
3.	ECO-442	Financial Risk Management	3
4.	ECO-	Optional I	3
5.	ECO-	Optional II	3
<b>Semester- VIII</b>			
1.	ECO-307	Labour Economics	3
2.	ECO-411	International Finance	3
3.	ECO-416	Financial Institutions and Markets	3
4.	ECO-	Optional I	3
5.	ECO-	Optional II	3
<b>Total</b>		<b>44</b>	<b>132</b>

**Note:** In the 7<sup>th</sup> and 8<sup>th</sup> semester respectively the student will take one optional course from economics courses and one from finance optional courses.

### **Compulsory and General/Non Economic Courses**

<b>Course Code</b>	<b>Compulsory Courses (9)</b>	<b>Course Code</b>	<b>General/Diversification Courses (7)</b>
ECO-101	Islamic Studies / Ethics	ECO-110	Introduction to Business
ECO-102	Urdu	ECO-111	Principles of Marketing
		ECO-112	Principles of Accounting
ECO-103	Calculus	ECO-113	Mass Communication
ECO-104	Introduction to Computer	ECO-114	Fundamentals of Geography
ECO-107	Pakistan Studies	ECO-115	Introduction to Anthropology
ECO-109	Functional English	ECO-116	Introduction to History
ECO-203	Linear Algebra	ECO-117	Introduction to Psychology
ECO-209	English Comprehension and Composition	ECO-118	Introduction to Law
ECO-210	English Communication & Writing Skills	ECO-212	Principles of Sociology
		ECO-213	Governance & Politics
		ECO-214	Introduction to Philosophy
		ECO-215	Business Finance
		ECO-216	Introduction to Commerce
		ECO-217	Introduction to Political Science
		ECO-218	Fundamentals of Education
		ECO-219	International Relations
		ECO-220	Business and Industrial Law
		ECO-221	Gender Studies
		ECO-222	Professional Ethics
		ECO-	Foreign Languages*

**Note:** Regarding general courses degree requirement is 7 courses, department can offer any seven general courses depending upon interest of students and availability of teachers.

\*One language (ECO-223 Arabic, ECO-224 Persian, ECO-225 Turkish, ECO-226 French, ECO-227 German, ECO-228 Spanish, ECO-229 Chinese).

### Economics and Finance (Core Courses)

Course Code	Core Courses Economics	Course Code	Core Courses Finance
ECO-201	Introduction to Microeconomics	ECO-303	Fundamentals of Finance
ECO-202	Introduction to Macroeconomics	ECO-412	Financial Economics
ECO-108	Descriptive Statistics	ECO-465	Money, Banking and Finance
ECO-208	Statistical Inference	ECO-415	Financial Management
ECO-308	Mathematical Economics	ECO-301	Financial Modelling
ECO-305	Microeconomic Analysis	ECO-302	Financial Econometrics
ECO-306	Macroeconomic Controversies	ECO-413	Corporate Finance
ECO-204	Development Economics	ECO-442	Financial Risk Management
ECO-211	International Economics	ECO-411	International Finance
ECO-307	Labour Economics	ECO-416	Financial Institutions and Markets
ECO-310	Basic Econometrics		
ECO-312	Monetary Economics		
ECO-313	Research Methodology		
ECO-314	Public Finance		

### Economics and Finance (Optional Courses)

Course Code	Optional Courses Economics	Course Code	Optional Courses Finance
ECO-445	Issues in the Economy of Pakistan	ECO-414	Financial Accounting
ECO-446	Introduction to the History of Economic Thought	ECO-469	Financial Reporting and Analysis
ECO-447	Comparative Economics	ECO-470	Financial Derivatives
ECO-448	Introduction to Institutional Economics	ECO-471	Multinational Corporations & Finance
ECO-449	Poverty and Income Distribution	ECO-472	Insurance & Risk Management
ECO-450	Introduction to Demographic Economics	ECO-473	Commercial Bank Management
ECO-451	Gender Economics	ECO-474	Regulations & Financial Markets
ECO-452	Introduction to Human Resource Development	ECO-475	Corporate Law
ECO-453	Economics of Education	ECO-476	Investment Banking
ECO-454	Introduction to Health Economics	ECO-477	Comparative Financial Systems
ECO-455	Environmental and Health	ECO-478	Islamic Banking and Finance
ECO-456	Introduction to Industrial Economics	ECO-479	Emerging issues in Finance
ECO-457	Introduction to Urban Economics	ECO-480	Regulation of Financial Crime
ECO-458	Transport and Infrastructural Economics	ECO-481	Behavioral Finance
ECO-459	Production Economics	ECO-482	Fundamentals of Taxation
ECO-460	Applied Microeconomics	ECO-483	Foreign Exchange Management
ECO-461	Experimental and Behavioral Economics	ECO-484	Portfolio Management
ECO-462	Globalization and Environment	ECO-485	Corporate Taxation
ECO-463	Global Political Economy	ECO-486	Cost Accounting
ECO-464	Introduction to Fiscal Policy	ECO-487	Audit and Assurance
ECO-466	Introduction to Project Planning and Evaluation	ECO-488	Corporate Governance

ECO-467	Engineering Economics	ECO-489	Venture Capital and Private Equity Finance
ECO-468	Economics of Regulations and Competitive Policy	ECO-490	Real Estate Investments: Analysis and Financing
		ECO-491	Financial Information System
		ECO-492	Microfinance in Theory and Practice