

Bachelor of Science (Accounting & Finance) Program

This is a 4 year degree program introduced in 2013. It has been developed jointly by the Institute of Chartered Accountants of Pakistan (ICAP), Association of Chartered certified Accountants (ACCA) and Institute of Bankers Pakistan (IBP) in collaboration with IBA Karachi. The program provides an exclusive opportunity to the students to receive an academic degree that leads to a professional qualification. A summary of the institution wise exemptions that applicants to the program would benefit from is as under:

Institute of Chartered Accountants of Pakistan (ICAP):

An exemption of 12 Exams of Module A to D will be granted to the prospective CA students who complete their BS (Accounting & Finance) degree from IBA. The Students of BS (Accounting & Finance) after graduating from IBA Karachi would avail the following advantages:

- Exemption from Module A to D
- Complete training for 3 years & save 6 months
- Pass Module E & F (8 courses during training)
- Become a Chartered Accountant

Association of Chartered Certified Accountants (ACCA):

A CCA has exempted FOUR examinations (F1 to F4) & review is underway for five more exemptions.

Institute of Bankers Pakistan (IBP):

IBP has waived off appearances at all three levels of examinations & replaced it with only ONE comprehensive examination.

Chartered Financial Analyst (CFA):

CFA does not grant, as a principle, any exemptions but close mapping has been done in Finance courses that facilitate qualifying CFA examinations.

Curriculum Structure

Duration	4 years
Semesters	8
Courses (Including 2 Research Courses)	42
Total Credit Hours	130 + 8*

* Internship

Required Courses

Section	Knowledge Area	Courses
A	University Core Courses	4
B	Accounting	14
C	Finance	14
D	Non-Specialization	10
Total Courses		42

A. University Core Courses

Course Title	Course Code	Credit Hours	Pre-Requisite
English Grammar and Composition	SSC101	3	-
Speech Communication	HUM201	3	-
Pakistan History	SSC151	3	-
Socioeconomic Philosophy of Islam / Philosophy, Logic & Ethics	SSC301 / HUM357	3	-

B. Accounting Core Courses

Course Title	Course Code	Credit Hours	Pre-Requisite
Principles of Accounting	ACC111	3	-
Management Accounting	ACC381	3	ACC111, ACC201
Financial Accounting	ACC201	3	-
Taxation (Direct & Indirect)	LAW303	3	-
Business Law	LAW205	3	-
Independent study (Accounting)	ACC301	4	-
Accounting Information System with SAP	ACC507	3	-

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
Regulations & Financial Markets	FIN558	3	FIN401
Financial Management	FIN401	3	FIN201
Financial Modeling	FIN574	4	FIN401
Independent study (Finance)	FIN310	4	FIN401

D. Non-Specialization Core Courses

Course Title	Course Code	Credit Hours	Pre-Requisite
Introduction to Statistics	MTS102	3	-
Statistical Inference	MTS202	3	MTS102
Introduction to Computer Applications	MIS103	3	-
Introduction to Economics	ECO105	3	-
Management & Organizational Behavior	-	3	-
Principles of Marketing	MKT201	3	-
Calculus-I with Application	MTS104	3	-



Accounting Electives (7 to be selected from the following list)

Course Title	Course Code	Credit Hours	Pre-Requisite
Advanced Managerial Accounting	ACC310	3	-
Financial Reporting	ACC315	3	-
Corporate Governance	LAW553	3	-
Business Analysis and Decision Making	ACC312	3	-
Legal and Regulatory Environment	LAW501	3	-
Strategic Management	MGT552	3	-
Auditing	ACC320	3	-
Corporate Law	LAW305	3	LAW205
Advanced Financial Reporting	ACC401	3	-
Essential Software	MIS150	3	-
Data Warehousing	MIS343	3	-
Database System	CSE341	3	-
Tax Management and Optimization	LAW401	3	-
Actuarial Courses	ACC415	3	MTS102, MTS202, MTS101, MTS101
FCS basic Programming related courses	ACC416	3	-
Accounting Tools I	MIS3XX	1.5	MIS103
Accounting Tools II	ACC3XX	1.5	MIS3XX



Finance Electives *(8 to be selected from the following list)*

Course Title	Course Code	Credit Hours	Pre-Requisite
Investment Banking	FIN451	3	FIN401
Treasury and Funds Management	FIN565	3	FIN401
Financial Risk Management	FIN456	3	FIN401
Advance Portfolio Management and Wealth Planning	FIN563	3	FIN401
Corporate Finance	FIN454	3	FIN401
Financial Econometrics	FIN569	3	MTS202, FIN401
Public Finance	ECO451	3	ECO105
Alternative Investments	FIN305	3	FIN401
Real Estate Investments: Analysis and Financing	FIN308	3	FIN401
International Banking	FIN310	3	FIN401
Behavioral Finance (with lab- 4 credit)	FIN312	4	FIN401
Venture Capital and the Finance of Innovation	FIN405	3	FIN401
Buyouts and Acquisitions	FIN410	3	FIN401
Corporate Restructuring	FIN315	3	FIN401
Empirical Research in Finance	FIN320	3	FIN401
Advanced Corporate Finance	FIN560	3	FIN401
International Finance	FIN452	3	FIN401, ECO105
Security Analysis (4 credit-lab)	FIN453	4	FIN401
Fixed Income Investments	FIN424	3	FIN401
Derivatives	FIN457	3	FIN401
Portfolio Management (4 credit-lab)	FIN455	4	FIN401
Branch Banking	FIN425	3	FIN401
Lending- Products, Operations & Risk Management	FIN426	3	FIN401
Finance of International Trade & Related Treasury Operations	FIN427	3	FIN401
Marketing of Financial services	FIN428	3	FIN401
Information Technology in Financial services	FIN429	3	FIN401
Financial Information System	FIN430	3	FIN401

Non-Specialization Electives (3 to be selected from the following list)

Course Title	Course Code	Credit Hours	Pre-Requisite
Mathematical Methods	MTS110	3	-
Foundations of Human Behavior	SSC102	3	-
Calculus-II with Application	MTS106	3	MTS101
International Relations	SSC111	3	-
Principles of Management	MGT201	3	-
Human Resource Management	HRM401	3	MKT201, MGT201
Development Economics	ECO301	3	ECO105
Executive Leadership	HRM455	3	MGT201, HRM401
Applied Probability	MTS112	3	-
Introduction to Econometrics	ECO341	3	MTS202, ECO105
International Trade	ECO512	3	ECO105
Global Economic and Political Environment	ECO517	3	-
Marketing Management	MKT501	3	-
Politics & Law	LAW105	3	-
Business Mathematics & Linear Algebra	MTS211	3	-
Research Methods in Social Sciences	SSC154	3	-



Academic Options

On academic front, students have two ADDITIONAL options:

Students can attain a degree of BS in Accounting by taking 3 extra papers of Accounting.

Likewise, students also have the option of awarding a degree of BS in Finance by taking 3 extra papers of Finance.

Potential of post undergrad degree from local or foreign university.

Accounting Electives compulsory for CA & ACCA exemption

Advanced Managerial Accounting	ACC310
Financial Reporting	ACC315
Auditing	ACC320
Corporate Law	LAW305
Advanced Financial Reporting	ACC401

Finance Electives courses conducive for CFA preparation

Corporate Governance	LAW553
Treasury and Funds Management	FIN565
Advance Portfolio Management and Wealth Planning	FIN563
Corporate Finance	FIN454
Alternative Investments	FIN305
Behavioral Finance (with lab- 4 credit)	FIN312
Fixed Income Investments	FIN425
Security Analysis (4 credit-lab)	FIN453
Derivatives	FIN457
Portfolio Management (4 credit-lab)	FIN455

Finance Electives courses compulsory for IBP exemption

Branch banking	FIN425
Lending- Products, operations & risk management	FIN426
Finance of international trade & related treasury operations	FIN427
Marketing of financial service	FIN428
Information technology in Financial services	FIN429



**Semester-wise Sequence of Courses**

FRESHMAN	Semester - 1	Course Code	Credit Hours	Pre-Requisite
1	Introduction to Economics	ECO105	3	-
2	English Grammar & Composition	SSC101	3	-
3	Introduction to Computer Applications	MIS103	3	-
4	Introduction to Statistics	MTS102	3	-
5	Calculus I & Plane Geometry	MTS101	3	-
6	Pakistan History or Socioeconomy Philosophy of Islam	SSC151 / SSC301	3	-
	Semester - 2	Course Code	Credit Hours	Pre-Requisite
1	Principles of Accounting	ACC111	3	-
2	NS Elective	-	3	-
3	Speech Communication (1+2 Ch)	HUM201	3	-
4	Management & Organizational Behavior	MGT2XX	3	-
5	NS Elective	-	3	-
6	Socioeconomic Philosophy of Islam or Pakistan History	SSC 301 / SSC151	3	-
SOPHOMORE	Semester - 3	Course Code	Credit Hours	Pre-Requisite
1	Principles of Marketing	MKT201	3	-
2	Statistical Inference (With Econometrics Lab)	MTS202	3	MTS102
3	Financial Accounting	ACC201	3	-
4	Introduction To Business Finance	FIN201	3	-
5	Business Law	LAW205	3	-
6	NS Elective	-	3	-
	Semester - 4	Course Code	Credit Hours	Pre-Requisite
1	Management Accounting	ACC381	3	ACC111, ACC201
2	Financial Institutions And Markets	FIN301	3	FIN201
3	Financial Management	FIN401	3	FIN201
4	Taxation (Direct & Indirect)	LAW303	3	-
5	Accounting Tools I	MIS3XX	1.5	MIS103
6	Accounting Tools II	ACC3XX	1.5	MIS3XX
7	Independent Study (Accounting)	ACC301	4	-

Semester-wise Sequence of Courses

JUNIOR	Semester - 5	Course Code	Credit Hours	Pre-Requisite
1	Regulations & Financial Markets	FIN558	3	FIN401
2	Financial Modeling	FIN574	4	FIN401
3	Independent Study (Finance)	FIN310	4	FIN401
4	Electives - Fin / Acc	-	3 / 4	-
5	Electives - Fin / Acc	-	3 / 4	-
6	Electives - Fin / Acc	-	3 / 4	-
	Semester - 6			
1	Electives - Fin / Acc	-	3 / 4	-
2	Electives - Fin / Acc	-	3 / 4	-
3	Electives - Fin / Acc	-	3 / 4	-
4	Electives - Fin / Acc	-	3 / 4	-
5	Electives - Fin / Acc	-	3 / 4	-
6	Electives - Fin / Acc	-	3 / 4	-
SENIOR	Semester - 7			
1	Electives - Fin / Acc	-	3 / 4	-
2	Electives - Fin / Acc	-	3 / 4	-
3	Electives - Fin / Acc	-	3 / 4	-
4	Electives - Fin / Acc	-	3 / 4	-
5	Electives - Fin / Acc	-	3 / 4	-
6	Electives - Fin / Acc	-	3 / 4	-
	Semester - 8			
1	Internship / Training	-	8	-