

## BS in Accounting and Finance

The BS Accounting and Finance is highly specialized program designed to prepare students to meet the challenges emerging in complex domain of financial reporting and management. The program is tailored to first impart a broad-based education in the fundamentals of business and management and then develop the quantitative and analytical skills necessary to become prudent, astute and ethical financial managers.

### ■ Program Educational Objectives (PEOs)

PEOs describe the expected accomplishments of the BS-A&F graduates during the first few years after completing their program. Department of Accounting and Finance intends to achieve the following educational objectives:

- (i) The graduates will demonstrate functional knowledge of Accounting and Finance.
- (ii) The graduates will exhibit the ability to perform managerial tasks at operational and strategic level in specialized organizations.
- (iii) The graduates will execute and willingness to ethical values and diversity.

### ■ Program Learning Outcomes (PLOs)

After successful completion of the BS-A&F program, the graduates will possess the following attributes:

- (i) **Cross functional Knowledge:** An ability to use knowledge of the fundamentals of accounting, mathematics, economics, management, marketing, and finance to solve business problems.

- (ii) **Problem Analysis:** An ability to identify, formulate and analyze complex accounting and business problems reaching substantiated conclusions using case studies.
- (iii) **Management Skills:** An ability to demonstrate management skills while leading/managing business projects.
- (iv) **Business Solution:** An ability to design solutions for complex business problems or processes that meet specified needs while maintaining business standards, legal, cultural, societal, and environmental considerations.
- (v) **Communication:** An ability to communicate effectively, verbally as well as in writing, in corporate settings.
- (vi) **Entrepreneurial Skills:** Ability to exhibit entrepreneurial skills through the integration of technology in accounting and finance.
- (vii) **Individual and Team Work:** An ability to work effectively, as an individual as well as team setting.
- (viii) **Modern Tool Usage:** An ability to identify and apply accounting and finance tools and techniques to create and disseminate business information.
- (ix) **Corporate Social Responsibility:** An ability to understand the responsibility of an organization towards the society at large and to contribute towards the betterment of society.
- (x) **Ethics:** Apply ability to professionally apply ethical principles, keeping in view the norms of society.

## ■ Admission Requirements

- (i) Higher Secondary School Certificate or Equivalent securing at least 45% marks in aggregate.
- (ii) CUST Admission Test/HEC Approved Test.

## ■ Degree Requirements

The candidate is required to complete 132 Cr. Hrs. as per following details:

| Area                                | Cr. Hrs.   |
|-------------------------------------|------------|
| a) General Education                | 39         |
| b) Distribution Requirements        | 18         |
| c) Discipline Specific Requirements | -          |
| • Foundation Courses                | 18         |
| • Major Courses                     | 39         |
| • Elective Courses                  | 12         |
| d) Business Project                 | 06         |
| e) Internship                       | 00         |
| f) Community Services               | 00         |
| <b>Total</b>                        | <b>132</b> |

## ■ General Education (39 Cr. Hrs.)

| Course Title               | Code     | Cr. Hrs. |
|----------------------------|----------|----------|
| English-I                  | ACFG1113 | 3        |
| Mathematics                | ACFG1313 | 3        |
| Introduction to Psychology | ACFG1213 | 3        |
| Computing and Analytics    | ACFG1413 | 3        |
| Pakistan Studies           | ACFG1023 | 3        |
| Language-I                 | ACFG15x3 | 3        |
| English-II                 | ACFG1123 | 3        |
| Statistics and Probability | ACFG1323 | 3        |
| Introduction to Sociology  | ACFG1223 | 3        |
| Analytical Reasoning       | ACFG1423 | 3        |
| Islamic Studies            | ACFG1013 | 3        |
| Language-II                | ACFG15x3 | 3        |
| English-III                | ACFG2133 | 3        |

## ■ Distribution Requirements (18 Cr. Hrs.)

| Course Title                   | Code     | Cr. Hrs. |
|--------------------------------|----------|----------|
| Principles of Macroeconomics   | ECOF2013 | 3        |
| Personal Management & Grooming | HMF3033  | 3        |
| Management Information System  | MISF3043 | 3        |
| Legal Environment in Business  | LAWF3003 | 3        |
| Professional Ethics            | MGTF3053 | 3        |
| Principles of Microeconomics   | ECOF2013 | 3        |

## ■ Discipline Specific Requirements

### a–Foundation Courses (18 Cr. Hrs.)

| Course Title                  | Code     | Cr. Hrs. |
|-------------------------------|----------|----------|
| Principles of Accounting-I    | ACCF2003 | 3        |
| Business Information System   | MISF2003 | 3        |
| Principles of Auditing        | AUDF3003 | 3        |
| Principles of Management      | MGTF2003 | 3        |
| Principles of Marketing       | MKTF2003 | 3        |
| Introduction of HR Management | HRMF2003 | 3        |

### b–Major Courses (39 Cr. Hrs.)

| Course Title                         | Code     | Cr. Hrs. |
|--------------------------------------|----------|----------|
| Principles of Accounting-II          | ACCF2013 | 3        |
| Business Research and Report Writing | RCHF3003 | 3        |
| Cost Accounting                      | ACCF3033 | 3        |
| Financial Management                 | FINF3013 | 3        |
| Financial Markets and Institutions   | FINF4133 | 3        |
| Strategic Performance Management     | ACCF4083 | 3        |
| Taxation                             | TAXF4103 | 3        |
| Management Accounting                | ACCF3013 | 3        |
| Software Applications in Accounting  | ACCF4043 | 3        |
| Financial Reporting                  | ACCF3023 | 3        |
| Business Analytics                   | MISF4053 | 3        |
| Financial Statement Analysis         | FINF4143 | 3        |
| Advanced Financial Management        | FINF4043 | 3        |

## c–Electives (12 Cr. Hrs.)

| Course Title                    | Code      | Cr. Hrs. |
|---------------------------------|-----------|----------|
| Portfolio Management            | FINF4063  | 3        |
| Advanced Managerial Accounting  | ACCF4093  | 3        |
| Money and Capital Markets       | FINF4153  | 3        |
| Audit and Assurance             | ACCF4023  | 3        |
| Advanced Financial Reporting    | ACCF4083  | 3        |
| Risk Management                 | FINF 4173 | 3        |
| Islamic Banking                 | BNKF4043  | 3        |
| Advanced Taxation               | TAXF4133  | 3        |
| Applied Corporate Finance       | FINF4103  | 3        |
| Global Finance                  | FINF4193  | 3        |
| Project Finance                 | FINF4233  | 3        |
| Financial Modelling             | FINF4113  | 3        |
| Accounting Information System   | ACCF4053  | 3        |
| Actuarial Accounting            | ACCF4063  | 3        |
| Financial Information System    | FINF4023  | 3        |
| Marketing of Financial Services | FINF4033  | 3        |
| Corporate Governance and Ethics | FINF4043  | 3        |
| Budgetary Policy and Control    | FINF4053  | 3        |
| Issues in Financial Reporting   | ACCF4073  | 3        |
| FinTech                         | FINF4133  | 3        |

## ■ Business Project (6 Cr. Hrs.)

Every student must complete a Business Project following the 6<sup>th</sup> semester or after the completion of 90 credit hours of course work.

## ■ Internship (AF4000)

Each student is required to complete 9 weeks internship training usually after 6<sup>th</sup> semester or on completion of 90 Cr. Hrs. The internship shall be graded as pass/fail.

## ■ Community Service

Each student is required to complete 65 hours community work, usually after 4<sup>th</sup> semester which would be a prerequisite for the award of degree.

### ■ Program Duration

This is a four-year degree program comprising of 8 semesters. There will be a Fall and a Spring semester each year. The summer semester will be utilized for Business Projects or deficiency courses. The maximum duration to complete the BS Accounting & Finance is 7 years.

### ■ CGPA Requirement

A student is required to earn a minimum 2.00/4.00 CGPA on the completion of degree requirements.

**Note:** Degree requirements may be modified from time to time as per the directions of the concerned regulatory body.



# SCHEME OF STUDIES

## BS Accounting and Finance

### □ Semester-I (18 Cr. Hrs.)

| Course Code | Course Title                     | Category | Cr. Hrs. |
|-------------|----------------------------------|----------|----------|
| ACFG1113    | English-I (EN1)                  | General  | 3        |
| ACFG1213    | Introduction to Psychology (SS1) | General  | 3        |
| ACFG1313    | Mathematics (NS1)                | General  | 3        |
| ACFG1413    | Computing and Analytics (QR1)    | General  | 3        |
| ACFG15x3    | Language-I (AH1)                 | General  | 3        |
| ACFG1023    | Pakistan Studies (CV1)           | General  | 3        |

### □ Semester-II (18 Cr. Hrs.)

| Course Code | Course Title                     | Category | Cr. Hrs. |
|-------------|----------------------------------|----------|----------|
| ACFG1123    | English-II (EN2)                 | General  | 3        |
| ACFG1223    | Introduction to Sociology (SS2)  | General  | 3        |
| ACFG1323    | Statistics and Probability (NS2) | General  | 3        |
| ACFG1423    | Analytical Reasoning (QR2)       | General  | 3        |
| ACFG15x3    | Language –II (AH2)               | General  | 3        |
| ACFG1013    | Islamic Studies (CV2)            | General  | 3        |

### □ Semester-III (15 Cr. Hrs.)

| Course Code | Course Title                 | Category     | Cr. Hrs. |
|-------------|------------------------------|--------------|----------|
| ACFG2133    | English-III (EN3)            | General      | 3        |
| MGTF2003    | Principles of Management     | Foundation   | 3        |
| ECOF2003    | Principles of Microeconomics | Distribution | 3        |
| ACCF2003    | Principles of Accounting-I   | Foundation   | 3        |
| MISF2003    | Business Information System  | Foundation   | 3        |

#### □ Semester-IV (15 Cr. Hrs.)

| Course Code | Course Title                  | Category     | Cr. Hrs. |
|-------------|-------------------------------|--------------|----------|
| MKTF2003    | Principles of Marketing       | Foundation   | 3        |
| ACCF2013    | Principles of Accounting-II   | Major        | 3        |
| TAXF4103    | Taxation                      | Major        | 3        |
| HRMF2003    | Introduction of HR Management | Foundation   | 3        |
| ECOF2013    | Principles of Macroeconomics  | Distribution | 3        |

#### □ Semester-V (18 Cr. Hrs.)

| Course Code | Course Title                         | Category     | Cr. Hrs. |
|-------------|--------------------------------------|--------------|----------|
| AUDF3003    | Principles of Auditing               | Foundation   | 3        |
| ACCF3023    | Financial Reporting                  | Major        | 3        |
| HMF3033     | Personal Management and Grooming     | Distribution | 3        |
| ACCF3033    | Cost Accounting                      | Major        | 3        |
| MISF3043    | Management Information System        | Distribution | 3        |
| RCHF3003    | Business Research and Report Writing | Major        | 3        |

#### □ Semester-VI (18 Cr. Hrs.)

| Course Code | Course Title                  | Category     | Cr. Hrs. |
|-------------|-------------------------------|--------------|----------|
| LAWF3003    | Legal Environment in Business | Distribution | 3        |
| FINF3013    | Financial Management          | Major        | 3        |
| MGTF3053    | Professional Ethics           | Distribution | 3        |
| ACCF3013    | Management Accounting         | Major        | 3        |
| FIN3xx3     | Elective-I                    | Elective     | 3        |
| MISF4053    | Business Analytics            | Major        | 3        |



□ Semester-VII (15 Cr. Hrs.)

| Course Code | Course Title                        | Category   | Cr. Hrs. |
|-------------|-------------------------------------|------------|----------|
| FINF4043    | Advanced Financial Management       | Major      | 3        |
| FINF4133    | Financial Markets and Institutions  | Major      | 3        |
| ACCF4043    | Software Applications in Accounting | Major      | 3        |
| ACC/FIN4xx3 | Elective II                         | Elective   | 3        |
| BAF4913     | Business Project                    | Compulsory | 3        |

□ Semester-VIII (15 Cr. Hrs.)

| Course Code | Course Title                     | Category   | Cr. Hrs. |
|-------------|----------------------------------|------------|----------|
| ACCF4083    | Strategic Performance Management | Major      | 3        |
| FINF4143    | Financial Statement Analysis     | Major      | 3        |
| FINF4xx3    | Elective III                     | Elective   | 3        |
| FINF4xx3    | Elective IV                      | Elective   | 3        |
| BAF4923     | Business Project                 | Compulsory | 3        |





## MS in Accounting and Finance

(ii) A minimum of 2.00/4.00 CGPA or 50% marks in annual system.

### ■ Admission Requirements

(i) A minimum of 16 years of education leading to BBA/ MBA/ BSAF/ M.Com or equivalent.

(iii) Admission Test/HEC Approved Test.

### ■ Degree Requirements

A student admitted in this program will have to complete the degree requirements by following any one of the options given below:

(i) 24 Cr. Hrs course work with 6 Cr. Hrs. thesis

(ii) Course work only (10 Courses)

### ■ Core Courses (12 Cr. Hrs.)

Students are required to qualify all the core courses listed below.

| Course Title                    | Code    | Cr. Hrs. |
|---------------------------------|---------|----------|
| Advanced Research Methods       | MAF6003 | 3        |
| Management Decision and Control | MAF6013 | 3        |
| Advanced Corporate Reporting    | MAF6023 | 3        |
| Strategic Finance               | MAF6033 | 3        |

### ■ Elective Courses (12 Cr. Hrs.)

Students are required to take 12 Cr. Hrs. from the list of elective courses given below:

| Course Title                      | Code    | Cr. Hrs. |
|-----------------------------------|---------|----------|
| Advanced Portfolio Management     | MAF6103 | 3        |
| Case Studies in Corporate Finance | MAF6113 | 3        |
| Financial Risk Management         | MAF6123 | 3        |
| Behavioral Finance                | MAF6133 | 3        |
| Financial Modeling                | MAF6143 | 3        |
| Financial Analytics               | MAF6153 | 3        |

|   |         |   |
|---|---------|---|
| Financial Reporting Analysis                | MAF6203 | 3 |
| Issues in Financial Reporting               | MAF6213 | 3 |
| Advanced Cost Management                    | MAF6223 | 3 |
| Advanced Corporate Taxation                 | MAF6233 | 3 |
| Forensic Accounting                         | MAF6243 | 3 |
| Research Methods for Accounting and Finance | MAF6303 | 3 |
| Theory of Accounting                        | MAF6253 | 3 |

### ■ Research Thesis/Project

| Course Title    | Code    | Cr. Hrs. |
|-----------------|---------|----------|
| Research Thesis | RCH6916 | 6        |

### ■ CGPA Requirement

A student is required to earn a minimum of 3.00/4.00 CGPA on the completion of his/her degree requirements.

### ■ Program Duration

This is a 2 years program comprising of 4 semesters. There will be a Fall and a Spring semester in each year. The maximum duration to complete MS in Accounting and Finance is 4 years.

