

# FACULTY OF MANAGEMENT SCIENCES

## BS Accounting & Finance

BS (A&F) is a four-year (eight semesters) program and consists of 144 credit hours of teaching. Students are required to complete 47 courses, 3 credit hours Capstone Project, and 3 credit hours graded internship to graduate. The maximum duration to complete this degree program is six years. Graduates of BS A&F will get exemptions in nine papers of both Institute of Chartered Accountants of Pakistan (ICAP) and Association of Chartered Certified Accountants (ACCA), UK. BS A&F students are exempted from all 13 courses of Chartered Institute of Management Accountants (CIMA) qualification, and are only required to pass three case studies. Whereas, BS (A&F) alumni will be exempted from all 13 courses and operational level case studies and will only attempt two case studies.

### Students of BS A&F have the option to take:

- Finance as Major and Accounting as Minor
- Accounting as Major and Finance as Minor

### First Year

| Fall Semester |   | Pre-Req. |
|---------------|---|----------|
| AF 1101       | Business Mathematics                        | ----     |
| AF 1102       | Computer Concepts and Applications          | ----     |
| AF 1104       | Introduction to Financial Accounting        | ----     |
| AF 1108       | Ideology and Constitution of Pakistan*      | ----     |
| AF 1109       | English Comprehension & Oral Communication* | ----     |
| AF 1111       | Islamic Studies/Humanities*                 | ----     |
| AF 1111       | Sociology*                                  | ----     |

\*02 credit hours courses each

### Spring Semester

|         |  |         |
|---------|--|---------|
| AF 1201 | Advanced Financial Accounting          | ----    |
| AF 1211 | Business Management                    | AF 1104 |
| AF 1201 | Human Behavior                         | ----    |
| AF 2301 | Business and Technical English Writing | AF 2409 |
| AF 2405 | Principles of Microeconomics           | ----    |
| AF xxxx | Natural Science Elective**             | ----    |

### Second Year

| Fall Semester |  | Pre-Req. |
|---------------|--|----------|
| AF 1202       | Calculus for Business Studies                | AF 1101  |
| AF 1212       | Essentials of Marketing                      | ----     |
| AF 2302       | Cost Accounting                              | AF 1201  |
| AF 3501       | Accounting and Financial Information Systems | ----     |
| AF 3505       | Principles of Macroeconomics                 | AF 2405  |
| AF 4703       | Introduction to Business Finance             | ----     |

### Spring Semester

|         |  |         |
|---------|--|---------|
| AF 2401 | Management Accounting                            | AF 2302 |
| AF 2404 | Money and Banking                                | AF 3505 |
| AF 2406 | Statistics and Probability                       | ----    |
| AF 2409 | Personal Management and Professional Development | ----    |
| AF 2411 | Entrepreneurship                                 | ----    |
| AF 3503 | Business Ethics                                  | AF 1206 |



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## Third Year

| Fall Semester                            | Pre-Req. |
|--|----------|
| AF 3506 Statistical Inference            | AF 2406  |
| AF 3507 Financial Institutes and Markets | AF 2404  |
| AF 3511 Auditing -I                      | ----     |
| AF 3606 Taxation                         | ----     |
| AF 3607 Corporate Accounting             | AF 2401  |
| AF 3608 Islamic Banking and Finance      | ----     |

## Spring Semester

|   |         |
|---|---------|
| AF 2408 Business Analysis and Forecasting | ----    |
| AF 3605 Financial Reporting               | AF 3607 |
| AF 3609 Business Research Methodologies   | AF 3506 |
| AF 3611 Auditing-II                       | AF 3511 |
| AF 4702 Financial Management              | AF 4703 |
| AF 4812 Internship/Field Experience***    | ----    |

## Fourth Year

| Fall Semester                          | Pre-Req. |
|--|----------|
| AF 2305 Organizational Behavior        | AF 1107  |
| AF 4701 Business and Labor Law         | ----     |
| AF 4712 Capstone Project               | ----     |
| AF 4801 Corporate Finance              | AF 4702  |
| AF 4xxx Finance/Accounting Elective-I  | ----     |
| AF 4xxx Finance/Accounting Elective-II | ----     |

## Spring Semester

|  |         |
|--|---------|
| AF 4707 Company Law                                  | ----    |
| AF 4711 e-Commerce and Management Information System | AF 3609 |
| AF 4806 Human Resource Management                    | AF 2305 |
| AF 4807 Marketing of Financial Services              | ----    |
| AF 4xxx Finance/Accounting Elective-III              | ----    |
| AF 4xxx Finance/Accounting Elective-IV               | ----    |

## Bachelor of Science in Accounting & Finance (BS A&F) 2.5-Year Program

SZABIST also offers 2.5-year Bachelor of Science in Accounting & Finance (BS A&F-2.5) program exclusively for CAF qualified students of the Institute of Chartered Accountants of Pakistan (ICAP). CAF qualified students are exempted from 60 credit hours (20 course) of course work and have to complete 78 credit hours (27 courses) of course work, 3 credit hours Capstone Project, and 3 credit hours graded internship.

### Students of BS A&F 2.5 year have the option to take:

- Finance as Major and Accounting as Minor
- Accounting as Major and Finance as Minor

## First Year

| Fall Semester                                   | Pre-Req. |
|---|----------|
| AF 1108 Ideology and Constitution of Pakistan * | ----     |
| AF 1111 Islamic Studies/Humanities*             | ----     |
| AF 1112 Sociology*                              | ----     |
| AF 1202 Calculus for Business Studies           | ----     |
| AF 1213 Human Behavior                          | ----     |
| AF xxxx Natural Science Elective**              | ----     |
| AF 3503 Business Ethics                         | ----     |

\*02 credit hours courses each

## Spring Semester

|  |      |
|--|------|
| AF 2401 Management Accounting                        | ---- |
| AF 2404 Money and Banking                            | ---- |
| AF 2411 Entrepreneurship                             | ---- |
| AF 3501 Accounting and Financial Information Systems | ---- |
| AF 3506 Statistical Inference                        | ---- |
| AF 4702 Financial Management                         | ---- |

## Second Year

| Fall Semester  | Pre-Req. |
|--|----------|
| AF 1212 Essentials of Marketing                          | ----     |
| AF 2408 Business Analysis and Forecasting                | ----     |
| AF 2409 Personal Management and Professional Development | ----     |
| AF 3507 Financial Institutes and Markets                 | AF 2404  |
| AF 3608 Islamic Banking and Finance                      | ----     |
| AF 4801 Corporate Finance                                | AF 4702  |

## Spring Semester

|   |         |
|---|---------|
| AF 3609 Business Research Methodologies | AF 3506 |
| AF 4806 Human Resource Management       | ----    |
| AF 4812 Internship/Field Experience     | ----    |
| AF 4xxx Finance/Accounting Elective-I   | ----    |
| AF 4xxx Finance/Accounting Elective-II  | ----    |

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## Third Year

### Fall Semester

|         |  | Pre-Req. |
|---------|--|----------|
| AF 4711 | e-Commerce and Management Information System | ----     |
| AF 4712 | Capstone Project                             | ----     |
| AF 4807 | Marketing of Financial Services              | ----     |
| AF 4xxx | Finance/Accounting Elective-III              | ----     |
| AF 4xxx | Finance/Accounting Elective-IV               | ----     |

|         |                               |
|---------|-------------------------------|
| AF 4824 | Financing of SME              |
| AF 4825 | International Finance         |
| AF 4826 | Quantitative Data Analysis    |
| AF 4828 | Treasury and Funds Management |
| AF 4829 | Fintech                       |
| AF 4832 | Financial Data Analytics      |
| AF 4833 | Investment Banking            |
| AF 4834 | Islamic Insurance-Takaful     |

**Minor and Major courses for BSAF-4 year and 2.5 year programs**

### Accounting Minor Courses

|         |                       |
|---------|-----------------------|
| AF 2302 | Cost Accounting*      |
| AF 2401 | Management Accounting |
| AF 3605 | Financial Reporting*  |
| AF 3607 | Corporate Accounting* |

### Finance Minor Courses

|         |                                   |
|---------|-----------------------------------|
| AF 3606 | Taxation*                         |
| AF 3608 | Islamic Banking and Finance       |
| AF 4702 | Financial Management              |
| AF 4703 | Introduction to Business Finance* |

## PROGRAM ELECTIVES

### Accounting Major

|         |                                   |
|---------|-----------------------------------|
| AF 4721 | Advanced Audit and Assurance      |
| AF 4722 | Advanced Performance Management   |
| AF 4723 | Forensic Accounting               |
| AF 4732 | Tax Crime and Fraud Investigation |
| AF 4735 | Accounting for Islamic Finance    |
| AF 4821 | Public Sector Accounting          |
| AF 4822 | Strategic Business Reporting      |
| AF 4831 | Forensic Analytics                |
| AF 4835 | Advanced Taxation                 |

### Finance Major

|         |   |
|---------|---|
| AF 4724 | Advanced Financial Management                       |
| AF 4725 | Analysis of Investment and Management of Portfolios |
| AF 4726 | Behavioral Finance                                  |
| AF 4727 | Dynamics of Banking                                 |
| AF 4728 | Financial Modeling                                  |
| AF 4729 | Financial Econometrics                              |
| AF 4731 | Fraud and Risk Management in Financial Institutions |
| AF 4733 | Alternative Investments                             |
| AF 4734 | Financial Derivatives                               |
| AF 4823 | Financial Risk Analysis                             |

### \*\*Natural Science Electives are:

|         |                       |
|---------|-----------------------|
| AF 1116 | Agricultural Science  |
| AF 1117 | Ecology               |
| AF 1118 | Environmental Science |
| AF 1119 | Theory of Science     |

### Teachings of Holy Quran

All Muslim undergraduate students would be required to clear AF1210 Teachings of Holy Quran noncredit course to be eligible for the degree.

### \*\*\*Graded Internship/Field Experience

The BSAF 4-Year students will be required to complete a graded internship of minimum 6 weeks in 6th semester or in summers after the 6th semester and BSAF-2.5 Year students will be required to complete a graded internship of minimum 6 weeks in 4th semester or in summer after the 4th semester or program relevant field experience of minimum 06 months duration as per HEC Undergraduate Policy 2023 to qualify for the degree.

All courses may not necessarily be offered every year. Alternate courses may be substituted as and when needed. Fulltime academic load is 18 credit hours. All students are required to register for full load in first semester.

