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**BSc (Hons) Banking and Investment  
(4 Years Part-Time) – MIBS408**

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**1. Objectives**

The BSc (Hons) Banking and Investment programme is intended for individuals who are working in the financial sector, particularly in the banking and investment area. The aim is to provide students with a sound theoretical knowledge and practical skills needed to operate in the financial services industry. Furthermore, in view of increasing the practical skills of students, modules of the programme will usually consist of 30 contact hours as formal lectures and 15 hours for projects, case studies, firm visits, interviews, site tours etc. Moreover, this programme will provide the basic skills and knowledge for students who are interested in enrolling on professionally recognised qualifications such as the Chartered Financial Analyst (CFA) programme or the ICSA (International Chartered Secretaries Association). Finally, this programme offers the possibility to exit the course and be awarded either a Certificate or Diploma in Banking and Investment after completing the required number of credits/modules.

**2. General Entry Requirements**

In accordance with General Entry Requirements for admission to the University for Undergraduate Degrees.

**3. Programme Requirements**

*“A credit in any Mathematical subjects (Accounting, Economics ...) at ‘O’ Level”*

**4. Programme Duration**

	<b>Normal (Year(s))</b>	<b>Maximum (Years)</b>
Certificate:	1½	2½
Diploma:	2½	4½
Degree:	4	6

**5. Credits per Semester**

Minimum 3, Maximum 24 subject to Regulation 4.

**6. Minimum Credits Required for Award of**

Certificate:	39
Diploma:	69
Degree:	100

Note: Certificate/Diploma/Degree will be delivered on EXIT of Programme, after having completed the above number of credits.

Credits are as follows:

<b>Semester</b>	<b>Core</b>		<b>Dissertation/Practicums</b>	<b>Total</b>
<b>1</b>	<b>12</b>		-	<b>12</b>
<b>2</b>	<b>12</b>		-	<b>12</b>
<b>3</b>	<b>12</b>		-	<b>12</b>
<b>4</b>	<b>12</b>		-	<b>12</b>
<b>5</b>	<b>12</b>			<b>12</b>
<b>6</b>	<b>12</b>		-	<b>12</b>
<b>7</b>	<b>11</b>		-	<b>11</b>
<b>8</b>	<b>11</b>		<b>6</b>	<b>17</b>
<b>TOTAL</b>	<b>94</b>		<b>6</b>	<b>100</b>

## **7. Assessment**

Each module will carry 100 marks and will be assessed as follows (unless otherwise specified):

Assessment will be based on a written examination of 2-hour as specified and continuous assessment carrying a range of 10% to 30% of total marks.

Continuous assessment may be based on mini-projects, assignments, and/or class tests.

An overall total of 40% for combined continuous assessment and written examination components would be required to pass the module, without minimum thresholds within the individual continuous assessment and written examination.

Workshops shall be compulsory and will be non-examinable, 1-credit, 15-hour modules. As part of the assessment, students will be required to submit a report of 2000-2500 words. Grade 'S' will be assigned upon satisfactory attendance and performance in these workshops in order to be eligible for the award of the degree.

The dissertation will carry 6 credits. The topic must reflect the Programme of Study being attempted.

## **8. Mode of Delivery**

Modules of the programme will normally consist of 30 contact hours as formal lectures and 15 hours for projects, case studies, firm visits, interviews, site tours etc. Lecturers will be responsible to monitor the progress of students during those 15 hours to ensure that students satisfactorily meet the objectives and experiences set. Also, a report has to be submitted to lecturers for the latter to provide feedback on the work done. The report may be used for continuous assessment.

## 9. List of Modules

### CORE MODULES

Module Code	Module Name	Hrs/Wk L+P	Credits
MIBS 20111(1)	Introduction to Finance	2+1	3
MIBS 30111(1)	Principles of Accounting	2+1	3
MIBS 10111(1)	Principles of Management	2+1	3
MIBS 50111(1)	Introduction to Law	3+0	3
MIBS 40111(1)	IT Applications	3+0	3
MIBS 72311(1)	Business Environment	2+1	3
MIBS 51112(1)	Company Law & Trusts	2+1	3
MIBS 23112(1)	Banking Fundamentals	2+1	3
MIBS 25112(1)	Quantitative Techniques	2+1	3
MIBS 28100(1)	Global Business Activities	2+1	3
MIBS 34100(1)	Taxation relating to Businesses	2+1	3
MIBS 25212(1)	Mathematics of financial and Investment analysis	2+1	3
MIBS 52121(3)	Financial Services Law	2+1	3
MIBS 24121(3)	Foreign Exchange Markets	2+1	3
MIBS 23300(3)	Credit Management	2+1	3
MIBS 24221(3)	International Trade Finance	2+1	3
MIBS 37120(3)	Financial Statement Analysis	2+1	3
MIBS 31120(3)	Financial Reporting and Analysis	2+1	3
MIBS 26122(3)	Financial Instruments	2+1	3
MIBS 21122(3)	Investment Analysis I	2+1	3
MIBS 35122(3)	Company and Business Valuation	2+1	3
MIBS 29122	Research Methods (Note 1)	-	0
MIBS 21231(5)	Investment Analysis II	2+1	3
MIBS 22130(5)	Risk Management	2+1	3
MIBS 24330(5)	Capital Markets and International Finance	2+1	3
MIBS 29931(5)	Dissertation	-	6
MIBS 18131(5)	Corporate Governance	2+1	3
MIBS 53131(5)	Law of Insolvency & Corporate Reorganisation	2+1	3
MIBS 23232(5)	Banking Strategies	2+1	3
MIBS 22232(5)	Asset and Liability Management	2+1	3
MIBS 26232(5)	Applied Financial Modelling	2+1	3
MIBS 27132(5)	Compliance Issues in the Financial Services	2+1	3
MIBS19531	Workshop on Communication	1	1
MIBS19631	Workshop on Negotiation	1	1
MIBS19732	Workshop on Business Plan	1	1
MIBS19832	Workshop on improving your employability	1	1

10. Programme Plan - BSc (Hons) Banking and Investment (Part-Time)

**SEMESTER 1**

<b>Module Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b>CORE</b>			
MIBS 20111(1)	Introduction to Finance	2+1	3
MIBS 30111(1)	Principles of Accounting	2+1	3
MIBS 10111(1)	Principles of Management	2+1	3
MIBS 40111(1)	IT Applications	3+0	3

**SEMESTER 2**

<b>Module Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b>CORE</b>			
MIBS 50111(1)	Introduction to Law	3+0	3
MIBS 23112(1)	Banking Fundamentals	2+1	3
MIBS 72311(1)	Business Environment	2+1	3
MIBS 25112(1)	Quantitative Techniques	2+1	3

**SEMESTER 3**

<b>Module Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b>CORE</b>			
MIBS 51112(1)	Company Law & Trusts	2+1	3
MIBS 28100(1)	Global Business Activities	2+1	3
MIBS 34100(1)	Taxation relating to Businesses	2+1	3
MIBS 25212(1)	Mathematics of Financial and Investment Analysis	2+1	3

**SEMESTER 4**

<b>Module Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b>CORE</b>			
MIBS 52121(3)	Financial Services Law	2+1	3
MIBS 24121(3)	Foreign Exchange Markets	2+1	3
MIBS 23300(3)	Credit Management	2+1	3
MIBS 37120(3)	Financial Statement Analysis	2+1	3

**SEMESTER 5**

<b>Module Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b>CORE</b>			
MIBS 24221(3)	International Trade Finance	2+1	3
MIBS 21122(3)	Investment Analysis I	2+1	3
MIBS 31120(3)	Financial Reporting and Analysis	2+1	3
MIBS 35122(3)	Company and Business Valuation	2+1	3

**SEMESTER 6**

<b>Module Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b>CORE</b>			
MIBS 26122(3)	Financial Instruments	2+1	3
MIBS 21231(5)	Investment Analysis II	2+1	3
MIBS 29122	Research Methods (Note 1)	-	0
MIBS 18131(3)	Corporate Governance	2+1	3
MIBS 53131(3)	Law of Insolvency & Corporate Reorganisation	2+1	3

**SEMESTER 7**

<b>Module Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b>CORE</b>			
MIBS 22130(5)	Risk Management	2+1	3
MIBS 24330(5)	Capital Markets and International Finance	2+1	3
MIBS 23231(5)	Banking Strategies	2+1	3
MIBS 29931	Dissertation	-	-
MIBS19531	Workshop on Communication	1	1
MIBS19631	Workshop on Negotiation	1	1

**SEMESTER 8**

<b>Module Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b>CORE</b>			
MIBS 22232(5)	Asset and Liability Management	2+1	3
MIBS 26232(5)	Applied Financial Modelling	2+1	3
MIBS 27132(5)	Compliance Issues in the Financial Services	2+1	3
MIBS 29931(5)	Dissertation	-	6
MIBS19732	Workshop on Business Plan	1	1
MIBS19832	Workshop on improving your employability	1	1

Note 1: Research Methods will be offered in Semester 6. This module is designed to enable students to develop the appropriate skills for the preparation of their dissertations. It is non-examinable and no credit is awarded for it, but it must be satisfactorily completed (Grade S) for the award of the Degree.

Total Number of Modules: 30 (excluding dissertation, research methods and workshops)

**As Follows:**

<b>Semester</b>	<b>Core</b>	
<b>1</b>	<b>4</b>	
<b>2</b>	<b>4</b>	
<b>3</b>	<b>4</b>	
<b>4</b>	<b>4</b>	
<b>5</b>	<b>4</b>	
<b>6</b>	<b>4</b>	
<b>7</b>	<b>3</b>	
<b>8</b>	<b>3</b>	
<b>TOTAL</b>	<b>30</b>	

## **12. Outline Syllabus - BSc (Hons) Banking and Investment (4 Years Part-Time)**

### **MIBS 20111(1) Introduction to Finance**

The Financial System; Capital Markets; Time value of money; Capital Budgeting: an introduction; Valuation of Financial Assets; Bond Analysis: an introduction; Risk, Return and Diversification; Efficient Market Hypothesis; Multinational Finance: an introduction.

### **MIBS 30111(1) Principles of Accounting**

The Role of Accounting Information; Recording and Summarising Transactions; Accounting Concepts & Preparing Final Accounts; Adjustments to Final Accounts; Capital v/s Revenue Expenditure; Bank Reconciliation Statement; Stock Valuation Methods; Partnerships; Goodwill and Changes in Partnerships; Incomplete Records, Introduction to Company Accounts, Cost Accounting and Cost Classifications; Manufacturing Accounts; Introduction to Accounting Ratios and Interpretation of Accounts.

### **MIBS 10111(1) Principles of Management**

Management Concepts and Functions; The internal and external environments of the organization; Introduction to Organisational Behaviour; Foundations of Individual and Group Behavior; Management Decision Making; Communication; Conflict Management; Organisational Culture; Organisational Change and Development; Social Responsibility and Ethics in Management.

### **MIBS 50111(1) Introduction to Law**

Law as a normative system. Sources of law. Legislation and the legislative process. Statutory interpretation. Droits subjectifs and legal personality; Aspects of SMIBStantive Mauritian Law; The Judicial Process. Introduction to Labour Laws.

### **MIBS 40111(1) IT Applications**

IT and Computers; Stepping in the Computer; Input and Output Devices; Secondary Storage; Programming; Systems Software; Applications Software; Systems Development; Computer Networks; The Internet; Computer Security; Software Utilities; Issues and Trends in IT.

### **MIBS 72311(1) Business Environment**

Economics and the business environment markets; demand and supply; pricing and output decisions in imperfect markets; cost of production; government, the firm and the market; macroeconomic environment: economic systems, national income flows and measures, macroeconomic objectives, and macroeconomic policies; the global business environment; multinational corporations and business strategy; market failures.

### **MIBS 51112(1) Company Law & Trusts**

Companies: incorporation; constitution; share capital; management; directors' duties; minority protection; insider dealing; winding up of companies; corporate reorganization; administration of trusts; duties of trustees; powers of investment and general powers; rights and liability of beneficiaries.

### **MIBS 23112(1) Banking Fundamentals**

Financial Intermediation: Types and different activities of Banks; Payment services; Bank Modelling: Asset Allocation Model; Credit Rationing; Retail Banking: Mauritius; Wholesale Banking; An Introduction to Banking Regulations; Financial Innovation; Portfolio Theory; An introduction to International Banking and Eurocurrency Markets.

### **MIBS 25112(1) Quantitative Techniques**

Quantitative Methods and Techniques for Investment. Statistical Techniques & Methods for Investment. source, types and arrangement of data; presentation of quantitative and qualitative data; measures of location and spread; correlation analysis; Index numbers; Time series analysis of data: Exponential smoothing

### **MIBS 28100 (1) Global Business Activities**

Features of an offshore center; Regulatory Bodies and Legislation; Protected Cell companies; Offshore Activities: Banking, Insurance, Offshore company and Trusts administration, Securities and investment management services, taxation services; Double taxation agreement; Anti money laundering systems and procedures.

### **MIBS 34100 (1) Taxation relating to Businesses**

Principles & Practice of Income Tax relating to individuals; Societies and Companies; Value Added Tax; Administration and procedures in relation to assessments; Objections and appeals.

### **MIBS 25212(1) Mathematics of financial and Investment analysis**

Principles of Calculus; Matrix Algebra; Concepts of Probability; Optimisation, Stochastic, Integrals, Differential equations; Portfolio Selection; Term Structure Modelling; Bond Portfolio Management.

### **MIBS 52121(3) Financial Services Law**

The regulatory framework (Financial Services Development Act and other legislation); Law relating to e-Business and e-banking; The legal dimensions of insurance relationships; The legal framework of banking transactions (banking services, the bank-client relationship, securities in banking transactions); The legal aspects of the financing of international transactions; Securities Regulation; Money laundering.

### **MIBS 24121 (3) Foreign Exchange Markets**

The foreign exchange market; factors affecting demand and supply of currencies; key players in the foreign exchange market; Theories related to FOREX; Demonetisation; Currency freedom.

### **MIBS 23300(3) Credit Management**

Consumer Lending; Credit scoring and the organization: Data-sources; Principles of scoring; Behavioural scoring; Judgmental Lending; Credit Risk Operations; the collections process; - Debt recovery; credit analysis; Regulatory issues; Consumer Credit within retail financial services.

### **MIBS 24221(3) International Trade Finance**

The sphere of international trade; Advantages and Disadvantages of settlement in foreign currencies; Multilateral versus bilateral trade; Types and uses of bills of exchange; Documentary credits; Import and export financing; Trade Promotion; Credit Insurance; Forfeiting.

### **MIBS 37120(3) Financial Statement Analysis**

Regulatory Framework for Company Financial Reporting; Understanding Published Annual Reports; Interpretation Techniques; Corporate Failures & Credit Evaluation; Forecasting Financial Information; Valuing Businesses; Earnings Management; Financial Reporting Issues.

### **MIBS 31120(3) Financial Reporting and Analysis**

The International Accounting Standards Framework and the Local Regulatory Framework; Application of Accounting Standards; Property, Plant and Equipment; Intangible Assets and Goodwill; Leases; Segmental Reporting; Accounting for SMIBSidiaries, Associates and Joint Ventures; Earnings per Share; Deferred Taxation; Capital Reorganisation; Cash Flow Statements; Analysis and Interpretation Techniques, Business Valuation.

### **MIBS 26122(3) Financial Instruments**

Types of instruments, Options, Forward contract, Financial Futures, Swaps, Exotic options, Uses of these instruments, Trading strategies; synthetic calls, synthetic puts; bull spread; straddle; strangle; butterfly.

### **MIBS 21122(3) Investment Analysis I**

Types of investment products, The Investment horizon, Factors to be considered when investing, Features of equities and of fixed income securities; Review of the time value of money; Portfolio Theory; CAPM applied in Investment Analysis; Types of Funds; Active v/s Passive investment; Fundamental Analysis; Technical Analysis; the EMH.

### **MIBS 35122(3) Company and Business Valuation**

Purpose of valuation; Valuation from the vendor's perspective; Valuation for the buyer's perspective; Legal requirement; Laws related to business and company valuation; Tax implication; Tax implication on sale/acquisition of company; Methods of valuation: Asset basis; Earnings basis; Dividend basis; DCF basis; EVA; Extensions of EVA.

### **MIBS 29122 Research Methods (Note 1)**

Analysis of the science of research; Key Elements of Research; Research Designs; Data Issues; Hypothesis Development; Data Collection Methods; Causal Models; The Use of Software in Research, The use of Parametric and Non-parametric Statistical tests; General Research Methodology.



Plagiarism; Referencing; Case Study analysis of key Banking and Investment Literature. Introduction to Econometrics

### **MIBS 21231(5) Investment Analysis II**

The asset allocation process; Institutional and Individual Investors; Benchmarking and Reporting; Strategic asset allocation; Tactical asset allocation; Performance measurement; Immunisation; Bond Analysis; Convexity and Duration; Bond Portfolio, Callable bonds, Puttable bonds.

### **MIBS 24330 (5) Capital Markets and International Finance**

Capital and Financial Markets; Global Financial Markets; International Monetary System; International Parity Conditions; The Notion of Market Efficiency; International Financial Centers; The Regulatory Framework; Financial Crisis: Causes, measurement and possible solutions.

### **MIBS 23231(5) Banking Strategies**

Managing Balance sheet exposure; Management of capital; Prudential control; Risk Management; Banking supervision and Regulation; Capital adequacy; Securitisation; Money markets; Spot and Forward markets; Bond markets; Derivatives; Government Securities; Defeasance.

### **MIBS 53131(5) Law of Insolvency & Corporate Reorganisation**

Sources and Objectives of Insolvency Law; Causes of Corporate Failure; General Principles of Winding Up. The Appointment, Control, Powers, Duties and Release of the Liquidator; Contributories; The Special Manager; Powers of the Court, Voluntary Winding Up; Members' and Creditors' Winding Up; Declaration of Solvency; Meetings of Members and Creditors; Dissolution; Defunct Companies; Outstanding Assets; The Official Receiver; Receivers and Managers. Arrangement and Reconstruction; Compromise; Amalgamation; Take Over Schemes; Protection of Rights; Acquisition of Shares of Dissenting Members.

### **MIBS 18131(5) Corporate Governance**

The Regulatory Framework, Companies Act, Listing Rules, Accounting Standards; Accounting Issues in Financial Reports; Recognition and measurement; Role and responsibilities of Board of Directors; Role and responsibilities of Management, Internal Auditor and External Auditor; Users of Financial reports and their expectation; Risk management and internal control; Financial Accounting Theory and the need for regulation; Integrated sustainability reporting; Business ethics and Social duty of Business.

### **MIBS 22130 (5) Risk Management**

Credit risk operations; Fraud, Collections, Use of agents; Industry affairs; Money Laundering; interest rate risk management; foreign exchange risk management; Value-at Risk; Political Risk Management.

### **MIBS 22232 (5) Asset and Liability Management**

Forming an Asset and Liability Management (ALM) committee; Selecting and implementing an ALM model; Developing an ALM policy- Liquidity gaps, interest rate gaps; Identifying and measuring the risks; Interest rate forecasting; ALM risk return reporting; Options and convexity risk in banking.

### **MIBS 26232 (5) Applied Financial Modelling**

Investment Financial Modelling; Financial Statement Modelling; Portfolio Models, Calculating the variance-Covariance Matrix, Calculating the efficient portfolios, Estimating Betas and the Security

Market Line; Option-Pricing models, The Binomial Option-Pricing Model, The black-Scholes Model; Bonds and Duration, Immunisation Strategies, Modelling the Term Structure.

**MIBS 27132 (5) Compliance Issues in the Financial Services**

Law and regulation; Relationship between civil and criminal law - Civil law Criminal law; Compliance and corporate governance; International corporate governance initiatives; Implications of BASLE II.

**MIBS 29931 (5) Dissertation**

The assessment of final year project will be based on the implementation of a computerised solution to a real-life or research-oriented problem and the submission of a report. The length of the report should be in the range of 10,000–12,000 words.

**WORKSHOPS**

**Communication (MIBS19531) and Negotiation (MIBS19631)**

These workshops provide a broad analytical approach to effective negotiation and communications in business enterprises. Topics covered will include: Effective Communication; Negotiation Concept Skills; Persuasion Skills, Emotional Intelligence; Nature of Negotiations; Role of Power for Improving Negotiation Relationships and Conflict Management

**Business Plan(MIBS19732)**

Students will be expected to build up a real business concept and develop a business plan. The Plan will incorporate: the IP position, a marketing analysis, producing a business strategy and a financial analysis.

**Improving your employability (MIBS19832)**

Job search, CV writing, Preparing for job interview and the interview process