



UNIVERSITY
of
TECHNOLOGY,
MAURITIUS

School of Business, Management and Finance

BSc (Hons) in Management (with Finance)
PROGRAMME DOCUMENT

VERSION 4.0
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University of Technology, Mauritius

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BSc(Hons) in Management (with Finance)

A. Programme Information

This degree is meant for those students who wish to obtain a blend of knowledge in disciplines that underline the theory and practice of both management and specialise in a finance area. This course provides thus an opportunity to focus on the application of principles management in the context of business organisations. People who can combine a clear understanding of core business and management functions, good problem-solving and decision making skills, the ability to think creatively and to communicate effectively are in demand throughout the economy. The programme has been designed for achievement oriented students who want to progress rapidly to management level within their chosen specialization area of Finance. It aims at producing high quality graduates with the analytical and practical skills necessary to understand and deal creatively with a wide range of financial and management issues and thus provides an excellent preparation with the necessary qualifications for positions in a wide range of finance careers. The programme also offers 3 exit points at Level 1, 2 and 3, which would enable the students to qualify for the award of a Certificate, Diploma and Degree respectively

B. Programme Aims

The programme aims at inculcating students with a knowledge and understanding of the core areas of management and also with a good understanding of the central concepts of Finance.

C. Programme Objectives

The objectives of the programme are as follows:

- enable students to acquire state of the art knowledge and understanding of the field of management.
- provide an educational experience which will facilitate and promote students' intellectual development.
- promote critical awareness of the merits and complexities of management, and to inculcate an appreciation of the association between theory and practice.
- appraise students of important new developments in the field of management and finance.
- enable students to develop appropriate practical and transferable skills.
- provide a high quality management programme.

PART I - Regulations

D. General Entry Requirements

As per UTM's Admissions Regulations, and 'Admission to Programmes of Study at Degree Level' or APL / APEL requirements.

Note: Exemptions as per UTM regulations.

E. Programme Mode and Duration

Full -Time: 3 Years, Maximum Duration 6 Years

Part-Time: 4 Years, Maximum Duration 7 Years

F. Teaching and Learning Strategies

The programme will employ a wide variety of teaching methods, including lectures, individual or group projects, presentations, workshops, case studies, field visits, work placement and talks by guest speakers. Self-learning will be the key feature of the programme, enabling students to explore, investigate and research into the various topics, interact with practitioners, and work in teams on projects.

One Module will carry 150 hours of learning comprising of 45 hours of delivery which could be any combination of face to face, blended, online, seminar, workshop, or joint session. The remaining 105 hours will cover self learning, self study, guest lecture , etc.

G. Student Support and Guidance

Each cohort of the programme is allocated a Programme coordinator who acts as a liaison between the students and school management and provides support for academic management of the programme.

Throughout the programme of study students are supported and provided guidance for dissertation, portfolio, CLEn initiatives and use of online tools for blended learning. These supports are ensured by the School relevant committees, such as the Work Placement Unit. Tutorial based academic supports are provided to students on a need basis and the University has a Counselling cell for well-being of students.

H. Attendance Requirements

As per UTM's Regulations and Policy.

I. Credit System

1 module of 6 credits will carry 150 hours of learning. Credits required for the award of a:

- Certificate: 60 (Certificate in Management)
- Diploma:120 (Diploma in Management with Finance)
- Degree: 180 (BSc. (Hons.) in Management with Finance)

Ordinary Degree may be awarded as per regulations

Awards on the basis of accumulated credits may exceptionally be considered on a case to case basis.

J. Student Progress and Assessment

For the award of the Degree all modules must be passed overall with passes in coursework and examination combined. All modules will carry 100 marks and will be assessed as follows (unless otherwise specified).

Invigilated examinations will be up to 3-hours' duration contributing to 70% of the total marks and continuous assessment will carry 30% of total marks. The University may also apply alternative mode of assessment. Continuous assessment can be based on projects, assignments, presentation and/or class tests.

Each module carries 100 marks and unless otherwise specified will be assessed as follows:

- Continuous assessment carry 30% of the total marks. Continuous assessment can be based on a combination of projects, assignments, field study, workshops, surveys, practical, presentation and/or class tests.
- Modules ‘Essentials of Statistics’ and ‘Statistics for Management’, ‘Business Communication’ will be assessed on a 50:50 continuous assessment/exams basis. The continuous assessment must consist of at least one class test and two assignments;
- Module ‘Digital Skills’, Management Information System and ‘Business Research Methods I and II’ will be assessed over 100% continuous assessment.

Module Grading Structure

Undergraduate / Postgraduate		
Overall Marks	Grade	Remarks
$70 \leq X \leq 100$	A	Excellent
$60 \leq X < 70$	B	Very Good
$50 \leq X < 60$	C	Good
$40 \leq X < 50$	D	Satisfactory
$X < 40$	F	Referred

K. Evaluation of Performance

The percentage mark at Level 1 contributes a 20% weighting towards the degree classification.

The percentage mark at Level 2 contributes a 30% weighting towards the degree classification.

The percentage mark at Level 3 contributes a 50% weighting towards the degree classification.

L. Award Classification

$y \geq 70$	1st Class Honours
$60 \leq y < 70$	2nd Class 1st Division Honours
$50 \leq y < 60$	2nd Class 2nd Division Honours
$45 \leq y < 50$	3rd Class Honours
$40 \leq y < 45$	Pass Degree
$y < 40$	No Award

M. Programme Organisation and Management

Programme Committee: Dr Diroubinee M. Narrainen (d.mnarrainen@umail.utm.ac.mu), Dr Nirmala Loung Poorunder (n.l.poorunder@umail.utm.ac.mu).

Part II - Programme Structure

N. BSc (Hons) Management (with Finance) – Full Time

YEAR 1 (Level 1)								
Semester 1				Semester 2				
Code	Modules	Hrs/Wk L+T/P	Credits	Code	Modules	Hrs/Wk L+T/P	Credits	
ECON1101	Economics	3	6	QUAN1103	Essential of Statistics	3	6	
MGMT1101	Organisation and Management	3	6	HRMT1201	Oganisational Behaviour	3	6	
ACCF1102	Financial Accounting	3	6	MKTG1107	Marketing management	3	6	
LLAW1101	Introduction to Law and Legal Methods	3	6	ACCF1104	Cost and Management Accounting	3	6	
MMIS1202	Digital Skills	3	4	MGMT1103A	Business Communication	3	6	
				CLEN1000	CLEn		2	
Certificate Level exit point								
YEAR 2 (Level 2)								
Semester 1				Semester 2				
Code	Modules	Hrs/Wk L+T/P	Credits	Code	Modules	Hrs/Wk L+T/P	Credits	
ACCF1201	Principles of Finance	3	6	PLMT2001	Work Placement		6	
ECON2102	Managerial Economics	3	6	MMIS2306	Fintech Innovations and Applications	3	6	
QUAN2103	Statistics for Management	3	6	QUAN2201	Business Research Methods I	3	6	
ACCF2320	Financial Planning and Decision Making	3	6	LLAW3110	Legal Aspects of Finance	3	6	
ACCF2204(A)	Corporate Finance	3	6					
QUAN2203	Quantitative Methods for Management	3	6					
Diploma Level exit point								
YEAR 3 (Level 3)								
Semester 1				Semester 2				
Code	Modules	Hrs/Wk L+T/P	Credits	Code	Modules	Hrs/Wk L+T/P	Credits	
QUAN3101	Business Research Methods II	3	6	MGMT3127	International Business Management	3	6	
MGMT2301	Strategic Management	3	6	MGMT3901	Knowledge Management	3	6	
MMIS3202	Management Information Systems	3	6	ACCF3220	Financial Risk Management	3	6	
ACCF3212	Advanced Corporate Finance	3	6	ACCF3217	Investment Analysis and Management	3	6	
DISS 3000	<i>Dissertation/Project</i>							12

O. BSc (Hons) Management (with Finance)– Part Time

YEAR 1 (Level 1)							
Semester 1				Semester 2			
Code	Modules	Hrs/Wk L+T/P	Credits	Code	Modules	Hrs/Wk L+T/P	Credits
ECON1101	Economics	3	6	QUAN1103	Essential of Statistics	3	6
MGMT1101	Organisation and Management	3	6	LLAW1101	Introduction to Law & Legal Methods	3	6
ACCF1102	Financial Accounting	3	6	HRMT1201	Organisational Behaviour	3	6
MMIS1202	Digital Skills	3	4				
YEAR 2 (Level 1)				YEAR 2 (Level 2)			
Semester 1				Semester 2			
Code	Modules	Hrs/Wk L+T/P	Credits	Code	Modules	Hrs/Wk L+T/P	Credits
MKTG1107	Marketing Management	3	6	ACCF1201	Principles of Finance	3	6
ACCF1104	Cost & Management Accounting	3	6	ECON2102	Managerial Economics	3	6
MGMT1103A	Business Communication	3	6	QUAN2103	Statistics for Management	3	6
CLEN1000	CLEN		2				
Certificate Level exit point							
YEAR 3 (Level 2)							
Semester 1				Semester 2			
Code	Modules	Hrs/Wk L+T/P	Credits	Code	Modules	Hrs/Wk L+T/P	Credits
ACCF2320	Financial Planning and Decision Making	3	6	PORT2003	Portfolio		6
QUAN2203	Quantitative Methods for Management	3	6	QUAN2201	Business Research Method I	3	6
ACCF2204(A)	Corporate Finance	3	6	MMIS2306	Fintech Innovations and Applications	3	6
				LLAW3110	Legal Aspects of Finance	3	6
Diploma Level exit point							
YEAR 4 (Level 3)							
Semester 1				Semester 2			
Code	Modules	Hrs/Wk L+T/P+ DS	Credits	Code	Modules	Hrs/Wk L+T/P+ DS	Credits
QUAN3101	Research Methods II	3	6	MGMT3127	International Business Management	3	6
MGMT2301	Strategic Management	3	6	MGMT3901	Knowledge Management	3	6
MMIS3202	Management Information Systems	3	6	ACCF3220	Financial Risk Management	3	6
ACCF3212	Advanced Corporate Finance	3	6	ACCF3217	Investment Analysis and Management	3	6
DISS3000	<i>Dissertation /Project</i>						12

P. MODULE OUTLINE (This syllabus is non-prescriptive)

YEAR 1

ECON1101 Economics

The Economic Problem: Scarcity and Choice, Theory of Demand and Supply, The Price System, Costs of Production, Market Structures, National income and economic growth, Inflation and Unemployment, Banking and Monetary Policies, Taxation and Fiscal policies, International Trade, Emerging Issues

MGMT1101 Organisation and Management

An introduction to Management: management processes, levels of managers, roles and skills of managers, nature of managerial work, scope of management, Role of theory and history in management. Different management perspectives, Environmental context of management, Basic elements of planning and decision making, organizing, Leadership, motivation, group dynamics and team building. Control for business performance, Corporate Social Responsibility and Good Governance, contemporary organisation, Emerging Issues

ACCF1102 Financial Accounting

Roles and Principles of Financial Accounting, Double Entry Book Keeping, Capital and Revenue Expenditure, Trial Balance, Preparation of Final Accounts for Sole Traders, Non-Profit Organisations and Companies, Cash Flow Statements, Control Accounts and Accounting for VAT, Accounting for Depreciation, Bad Debts and Provisions for Bad Debts, Fundamental Accounting Concepts and International Accounting Standards, Accounting Ratios and Interpretation, Financial Reporting and Users of Accounts, Emerging Issues in Accounting.

LLAW1101 Introduction to Law and Legal Methods

Introduction to Law; Ideas and functions of Law; Nature of constitutional and administrative law; Constitutional foundations of the powers of the court, statutory interpretation, arbitration and the hearing tribunal, the law of contract, the law of agency; Distinction between Public and Private Law; Criminal and Civil Law; Common Law and Civil Law Systems; Case Law Techniques; Statutory Interpretation, Emerging Issues

MMIS1202 Digital Skills

Computers Usage in Education, basic system maintenance operations for hardware and software, basic concepts/terminology and applications of windows operating system, basic IT security measures such as security using password in documents, protecting workstation, backup and ethical use of computer; Office Applications - Word Documentation: creating, editing, saving documents in word processing, formatting, print; Spreadsheet; MS Access - design a database; MS Powerpoint; Internet Applications - Communication Tools (Google Meet, Zoom), Initiation to LMS: Login, Google Classroom, uploading of assignments; Online collaboration of using Google Docs; Web browser to navigate hypertext documents, download files; Search engines; Project Based Assessment

QUAN1103 Essential of Statistics

Introduction to Statistics; Type of data; Measurement and scaling techniques; Data collection and data preparation; Graphical representation of data; Measures of location and dispersion; Basic probability; Distribution of random variables: Binominal and Normal distribution; sampling distribution and estimation interval estimation, Emerging Issues

HRMT1201 Organisational Behaviour

Introduction to of Organisational Behaviour, Foundations of individual behaviour, Managing individual behaviour, Personality Theories, Job Satisfaction; Power and Politics; Foundations of Group Behaviour and Group Dynamics; Work Teams; Communications and Decision-making; Conflict Management and negotiation; Organisational Culture; Organisational Development and Change, Emerging Issues

MKTG1107 Marketing Management

Nature and scope of Marketing, the Marketing Environment, Marketing Research and Marketing Information Systems, Buyer Behavior - the buying behaviour of consumers and organisations, Segmentation, Targeting and positioning Framework, Marketing Mix - the 4P's, Product and Services, Place, Price, Promotion, The extended marketing mix, Services Marketing, Broadening the scope of marketing, Social Responsibility, Green Marketing, Ethics, Customer Relationship Management, Marketing Plan, Marketing Audit, Analysing Industry Attractiveness, BCG Model, Review of Marketing Mix Strategies, Emerging Issues

ACCF1104 Cost & Management Accounting

Cost Concepts, Cost Behaviour and Cost ascertainment, Accounting for Overheads and Activity-Based Costing, Costing Systems and Costing Principles (Absorption and Marginal costing) Contribution Analysis and its application to short-term decision making; Break-even analysis. Relevant Costing, Budgeting, Standard Costing and Variance analysis; Modern trends in Cost and Management Accounting, Emerging Issues in Management Accounting.

MGMT1103A: Business Communication

Introduction to Communication, Defining Communication, Communication Models, Barriers to effective communication, Understanding Stereotypes, Perception & Cultural differences, Interpersonal, Intrapersonal, Verbal & Non-Verbal, Organisational Communication- Structure, networks, culture, grapevine, Understanding your audience- Report Writing/Written Communication- Business Letters, News Sheets, Memos & Formal Reports, Presentation skills- Delivery, Speech, Pronunciation, Pauses, Tone, Address, Skills and techniques, Demonstration skills and the use of visual aids, Effective meeting skills - Procedures, roles, responsibilities, documents • Group Dynamics, Group Formation Relationship Management, Communication & Technology- Developments, influences, Intranet/Extranet, Social Media & Networking, Corporate Communications, Corporate Identity, Corporate Image & Public Relation, Emerging Issues

CLEN1000: Community Learning & Engagement

Students should seek involvement with NGOs. Student participation involves for example, contribution in publication of reports, newsletters, active collaboration on an unexhaustive choice of community development or social enterprise projects. Successfully completed placements shall be testified by NGOs at which the engagement occurs. Successful completion will lead to the award of one credit. More information available in the CLEn guidelines.

YEAR 2

ACCF1201 Principles of Finance

Present Value Calculation, Time Value of Money, Annuities; IRR, Source of Finance: Short and Long term financing. Valuation of bonds and other securities, Definition of Financial risk, Risk and Return Analysis, Diversification Principles, Capital Asset Pricing Model, Stock Market, Forms of market efficiency, Emerging Issues in Finance.

ECON 2102 Managerial Economics

Objectives of the Firm. Demand Theory and Forecasting. Production and Cost Analysis. Transaction Costs Market Structures and Pricing Practices. Profit Strategy. Unconstrained and Constrained Optimisation. Risk Analysis. Adverse Selection and Moral Hazard. Government Intervention, Emerging Issues

ACCF 2204(A) Corporate Finance

Corporate finance and its importance in an organisation, Ways organisations finance themselves, Valuation of securities, CAPM, Portfolio Management, Capital Budgeting, Cost of Capital, Capital structure, Working capital Management, Dividend Decision, mergers and acquisitions, financial derivatives, Emerging Issues

QUAN2103 Statistics for Management

Probability distributions (discrete and continuous data), Estimation by confidence interval, Hypothesis Testing, Regression analysis, Correlation, Elementary times series data, Forecasting, Emerging Issues

ACCF2320 Financial Planning and Decision Making

Concepts and Importance of financial planning, financial planning process, ethical considerations in financial planning; functions of a treasurer and controller, Treasury controls and importance of Treasury Control; Treasury Management Processes; Working Capital Management; Budgeting and Cash Flow Management, Sensitivity Analysis, Procurement Principles, Emerging Issues

QUAN 2203 Quantitative Methods for Management

Introduction to Quantitative Methods; Operations management, Decision Analysis: Decision-Making Environments and Decision Trees; Linear Programming: Graphical and Simplex Method, Sensitivity Analysis; Transportation Models; Assignment Models: minimization and maximization cases; Network Analysis; Inventory Models, Emerging Issues

LLAW3110 Legal Aspects of Finance

Offshore Business Activities; Laws relating to Banking, Insurance and Trade Finance; Securities, Prospectus Requirements, The Listing Rules, The Stock Exchange Act 1988; Insider Dealing; Model Code for Directors, Emerging Issues

QUAN2201: Business Research Methods I

Introduction to Research Methods; Importance of research for business organisations; Choice of Research topics; Research Ethics and Values; Research problems; Components of a Research Proposal; Planning the Research Process; Literature Review; Qualitative and Quantitative Research, Research Design; Focus Group, Interview, Observation, Handling of data and Analysis of data; Reporting of Research

MMIS2306: Fintech Innovations and Applications

Drivers of Fintech, Disruptive transformations with Fintech, Applications; Cryptocurrencies: Bitcoins and other crypto assets, cryptocurrency ecosystem Ethereum and smart contracts; Fintech For alternative Lending Payment: Implications for the Banking Industry, P2P lending, crowdfunding, Use cases; Fintech Innovations and Blockchain; Machine Learning and AI strategies for Fintech : Big data ; Fintech Regulation : Compliance and regulation in Finance , Regulatory Licensing Schemes, Regtech, Emerging Issues

YEAR 3

QUAN3101 Research Methods II

Research Methodology Process; Literature Review; Qualitative and Quantitative Research; Qualitative Data Collection Methods; Quantitative Data Collection Methods; Qualitative Analysis of data; Quantitative Analysis of Data; Software for analysing qualitative and quantitative Data; Write up of Research

MGMT2301 Strategic Management

Strategic Planning: Tools & Techniques, Managing in a business context, Stakeholder analysis. Environmental scanning : SWOT analysis, value chain, portfolio analysis (BCG Matrix, GE Matrix). Strategy formulation: Ansoff Matrix, Porter's Generic Strategies (cost leadership, differentiation, focus), identification and evaluation of strategic alternatives. Strategy implementation: framework for understanding and implementation issues. Tactical aspects of strategy implementation. Strategy evaluation & control. Integrative case analysis, Emerging Issues

MGMT3127 International Business Management

Introduction to international business management, globalisation and internationalisation, global business environment, culture in international business, international trade, business-government trade relations, regional economic integration, developing and marketing product in the international context, hiring and managing employees in the international context, Emerging Issues

MMIS3202 Management Information Systems

Types of IS & Infrastructure, Digital Transformation, Data Analytics for Business, Enterprise Systems (Applications for Business & ERP), IT Project & Outsourcing, Security for IS, Cloud Computing, Mobile technologies, Block chain Technologies, Artificial Intelligence, Internet of Things, Ergonomics in IT, Legal Aspects of IS, Smart Cities, Emerging Issues, Webinars/Seminars by Industry Guest Speakers, Project Based Assessment

ACCF 3212 Advanced Corporate Finance

Investment Decisions using DCF (including the APV Technique) and non-DCF Techniques inclusive of the Effects of Risk, cost of capital (WACC and the dividend growth), capital structure, and firm value, EBIT-EPS Analysis, optimum capital structure with regard to tax, agency costs and signalling, convertible debt, dividend policy (Dividend Irrelevance and Gordon Growth Model), Value of the Firm, Leverage Analysis; Security Analysis: Equity Valuation, Financial Distress and Bankruptcy, Takeovers, Mergers, and Acquisitions, portfolio selection models, Emerging Issues in Corporate Finance

ACCF 3217 : Investment Analysis and Management

An Overview of the investment environment; the Capital Market; the Growth of the capital market products and services in Mauritius, Present value and opportunity cost of capital in investment Decisions; Marginal; Project; Divisional and Floatation cost; Capital rationing, Portfolio Theory ; Risk aversion and utility, Markowitz Model, CAPM and APT, Valuation Models approaches and application; Asset based valuation; Discounted cash flow valuation, Dividend Discount Model, Portfolio Management ; An overview to Portfolio Management, Market efficiency, Security Analysis and evaluation of Investment Performance; Options in Portfolio Management, Fundamental Analysis, Financial Investment and security issues, Capital Budgeting Decisions; Sensitivity Analysis; Scenario analysis; Simulation Analysis, Emerging Issues in Investment

ACCF3220: Financial Risk Management

Risks in Banking and Financial markets; default, liquidity, interest rate, FOREX risk and price risk, Management of risks in banking: Default, liquidity, interest rate, Management of FOREX risk: internal (Matching, Netting etc) and external techniques, Derivative market: Forward contracts and its Pricing, Future markets and the working of the market, Option markets and its working, Swap deals: Currency and Interest rate swaps, Emerging Issues in Risk Management.

MGMT3901 Knowledge Management

Origin of knowledge and types, Cycle of Knowledge management (KM), Knowledge Economy, Knowledge intensive organisations and innovations, learning organisation, KM processes & related IS (knowledge creation, knowledge acquisition, knowledge storage, knowledge transfer, knowledge reuse), KM Strategies & Mechanisms & Architecture, KM Frameworks & Models, KM Audit, Organisational Environment for HR and KM, Knowledge modelling, Knowledge technology (Decision support systems, Meta-interpreters, Enterprise resource planning systems, Business Intelligence), Emerging Issues

COMMUNITY AND EMPLOYABILITY SKILLS

CLEN1000 Community Learning & Engagement

Students should seek involvement with NGOs. Student participation involves for example, contribution in publication of reports, newsletters, active collaboration on an unexhaustive choice of community development or social enterprise projects. Successfully completed placements shall be testified by NGOs at which the engagement occur. Successful completion will lead to the award of one credit. More information available in the CLEn guidelines.

PLMT2001 Workplacement

Workplacement is monitored by a placement unit and is detailed in the University Workplacement Guidelines.

PORT2003 Portfolio

Part time students who are in employment will have to submit a portfolio. The portfolio will have to follow the University work placement guidelines. Part time students, who are unemployed, will have to request for a work placement. They will then submit the portfolio as per University work placement guidelines. Assessment in both cases will be as per guidelines for assessment of work placement/portfolio.

DISS 3000: Dissertation/Capstone Project

- A 7000-10000 words dissertation will have to be submitted at the end of the semester.
- For problem based project the word limit will be 4000 to 5000 words
- The work submitted should conform to the Undergraduate Dissertation/Project Guidelines.