

## **BSc (Hons) Economics and Business (P/T) - SHLM431**

### **1. Objectives**

The programme is designed to provide knowledge and competence in economics and business analysis for a number of professions in the public and private sectors.

### **2. General Entry Requirements**

In accordance with the University General Entry Requirements for admission to undergraduate degree Programmes.

### **3. Programme Requirements**

Credit in Mathematics and English at 'O' Level and 'A' Level Mathematics or 'O' Level Additional Mathematics or HSC Subsidiary/Advanced Subsidiary Mathematics.

### **4. Programme Duration**

	<b>Normal</b>	<b>Maximum</b>
Degree:	4 years (PT)	6 years (PT)

### **5. Minimum Credits Required for Degree Award - 103**

Breakdown as follows:

	<b>Credits from</b>			
	<b>Core Taught Modules</b>	<b>Dissertation</b>	<b>Electives</b>	<b>GEMs</b>
Degree	63	10	21	9

<b>Modules</b>	<b>Credits</b>
<b>Core</b>	
Economics	55
Finance and Accounting	3
Management	6
Law	3
Computer Science and Engineering	6
<b>Electives</b>	21
<b>GEMs</b>	9
<b>Total</b>	<b>103</b>

### **6. Credits per Year**

Minimum 18 credits, Maximum 48 credits, subject to regulation 4 above.

### **7. Assessment**

Each module can either be taught in semester 1 only or in semester 2 only or throughout the two semesters.

Modules wholly taught in one semester are termed semester modules whereas modules taught throughout two semesters are termed yearly modules.

Each module will be assessed over 100 marks with details as follows (unless otherwise specified).

Assessment will be based on a written examination of 2 to 3-hour duration (normally a paper of 2 hour duration for modules carrying less or equal to three credits, 2½ hour paper for modules carrying 3.5-4.5 credits and 3 hour paper for modules carrying five-six credits) and on continuous assessment done during the semester or year.

Written examinations for all modules will be carried out at the end of the academic year except for GEMs and D.E. modules (unless otherwise stated).

The continuous assessment will count for 10-40% of the overall percentage mark of the module(s), except for a Programme where the structure makes for other specific provision(s).

Continuous assessment may be based on laboratory work, seminars and/or assignments and should include at least 1 class test. There will be a compulsory class test for all modules taught in semester 1 at the end of semester 1 of the given academic year unless stated otherwise in the Programme Structure.

A minimum of at least 30% should be attained in each of continuous assessment and written examination, with an overall total of 40% for a candidate to pass a module.

Special examinations (e.g. class tests) will be arranged at the end of semester 1 or semester 2 for exchange students who have registered only for one semester. In case of yearly modules, credits will be assigned on a pro-rata basis.

## **8. Submission Deadline for Dissertation**

**Final copy:** To be specified by the Department.

## **9. Repeat and Termination of Registration**

If the CPA of a student is < 40 for an academic year, s/he will have to repeat the entire academic year, and retake modules as and when offered. However, s/he will not be required, if s/he wishes, to retake modules for which **Grade C** or above has been obtained.

Students will be allowed to repeat **only once** over the entire duration of the Programme of Studies.

Registration of a student will be terminated if

- (i) the CPA < 40 at the end of an academic year and the student has already repeated one year of study; or
- (ii) the maximum duration allowed for completion of the Programme of Studies has been exceeded.

## **10. Modules of Special Nature**

A student can take a maximum of 9 credits of Self-Study Subjects and Independent Study, subject to approval of the Department.

**11. List of Modules - BSc (Hons) Economics and Business (P/T)**

<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b><u>CORE MODULES</u></b>			
ECON 1003Y(1)	Quantitative Methods for Business	3+0	6
ECON 1001Y(1)	Fundamentals of Economics	3+0	6
ACF 1000(1)	Accounting for Financial Decision Making	3+0	3
MGT 1200(1)	Introduction to Marketing	D.E.	3
MGT 1111(1)	Organisation and Management	D.E.	3
CSE 1010e(1)	Introduction to Information Technology	O.E.	3
ECON 2008Y(3)	Business Economics	3+0	6
ECON 2171(3)	Fundamentals of Econometrics	3+0	3
ECON 2010Y(3)	Principles of Banking and Business Finance	3+0	6
LAWS 1205(1)	Droit Commercial et Droit de Sociétés	3+0	3
ECON 3003Y(5)	Business Strategy and e-Commerce	3+0	6
ECON 3004Y(5)	Business Ethics and Governance	3+0	6
CSE 3207(5)	Management Information Systems	3+0	3
ECON 3198(5)	Multinational Business and Finance	3+0	3
ECON 3279(5)	Financial Markets and Institutions	3+0	3
ECON 4000(5)	Dissertation	-	10
<b><u>ELECTIVES</u></b>			
ACF 2010(3)	Financial Statement Analysis	3+0	3
PSYC 3103(5)	Industrial/Organisational Psychology	3+0	3
ECON 2006Y(3)	Economics of Transport and Tourism	3+0	6
ECON 2262(3)	International Banking Practices	3+0	3
DFA 2004Y(3)	Principles and Application of Taxation	3+0	6
ECON 3251(5)	Project Management and Finance	3+0	3
ECON 3181(5)	Risk Management	3+0	3
ECON 2233(3)	Applied Econometrics for Business	3+0	3
MGT 3059Y(5)	International Business and Management	3+0	6
ECON 3131(5)	International Trade	3+0	3
ECON 4111(5)	Internet Economics	3+0	3
ECON 4113(5)	Government and the Business Environment	3+0	3

Plus 3 GEMs over four years.

Offering of electives would be subject to availability of resources and critical mass. The Department reserves the right to offer additional electives.

**12. Programme Plan - BSc (Hons) Economics and Business (P/T)**

**YEAR 1**

<b>Code</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
<b><u>CORE</u></b>			
ECON 1003Y(1)	Quantitative Methods for Business	3+0	6
ECON 1001Y(1)	Fundamentals of Economics	3+0	6
ACF 1000(1)	Accounting for Financial Decision Making <sup>1</sup>	3+0	3
MGT 1200(1)	Introduction to Marketing <sup>2</sup>	D.E.	3
MGT 1111(1)	Organisation and Management <sup>2</sup>	D.E.	3
CSE 1010e(1)	Introduction to Information Technology <sup>1</sup>	O.E.	3

## YEAR 2

<b>Code CORE</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
ECON 2008Y(3)	Business Economics	3+0	6
ECON 2171(3)	Fundamentals of Econometrics <sup>1</sup>	3+0	3
ECON 2010Y(3)	Principles of Banking and Business Finance	3+0	6
LAWS 1205(1)	Droit Commercial et Droit de Sociétés <sup>2</sup>	3+0	3
<b>ELECTIVES</b>	<b>CHOOSE AT LEAST 6 CREDITS</b>		
ACF 2010(3)	Financial Statement Analysis <sup>1</sup>	3+0	3
PSYC 3103(5)	Industrial/Organisational Psychology <sup>2</sup>	3+0	3
ECON 2006Y(3)	Economics of Transport and Tourism	3+0	6
ECON 2262(3)	International Banking Practices <sup>1</sup>	3+0	3

## YEAR 3

<b>Code CORE</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
ECON 3003Y(5)	Business Strategy and e-Commerce	3+0	6
ECON 3004Y(5)	Business Ethics and Governance	3+0	6
CSE 3207(5)	Management Information Systems <sup>1</sup>	3+0	3
<b>ELECTIVES</b>	<b>CHOOSE AT LEAST 12 CREDITS</b>		
DFA 2004Y(3)	Principles and Application of Taxation	3+0	6
ECON 3251(5)	Project Management and Finance <sup>1</sup>	3+0	3
ECON 3181(5)	Risk Management <sup>2</sup>	3+0	3
ECON 2233(3)	Applied Econometrics for Business <sup>2</sup>	3+0	3
MGT 3059Y(5)	International Business and Management	3+0	6
ECON 3131(5)	International Trade <sup>2</sup>	3+0	3

## YEAR 4

<b>Code CORE</b>	<b>Module Name</b>	<b>Hrs/Wk L+P</b>	<b>Credits</b>
ECON 3198(5)	Multinational Business and Finance <sup>1</sup>	3+0	3
ECON 3279(5)	Financial Markets and Institutions <sup>1</sup>	3+0	3
ECON 4000(5)	Dissertation	-	10
<b>ELECTIVES</b>	<b>CHOOSE AT LEAST 3 CREDITS</b>		
ECON 4111(5)	Internet Economics <sup>2</sup>	3+0	3
ECON 4113(5)	Government and the Business Environment <sup>1</sup>	3+0	3

Plus 3 GEMs over four years.

### **NOTE:**

(1) <sup>1</sup> - Modules taught in semester 1 and examined at the end of the academic year except for D.E. modules.

(2)<sup>2</sup> - Modules taught in semester 2 and examined at the end of the academic year.

### **13. Outline Syllabus**

#### **ACF 1000(1) - ACCOUNTING FOR FINANCIAL DECISION MAKING**

The Role of Accounting Information; Recording and Summarising Transactions; Accounting Concepts and Preparing Final Accounts. Adjustments to Final Accounts; Capital v/s Revenue Expenditure; Bank Reconciliation Statement; Accounting Ratios; Accounting for Internal Decision Making Techniques; Elements of Cost; Costing Methods and Techniques; Decision Making Techniques; Accounting for Manufacturers; Budgeting.

#### **ACF 2010(3) - FINANCIAL STATEMENT ANALYSIS**

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

#### **CSE 1010e(1) - INTRODUCTION TO INFORMATION TECHNOLOGY**

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.

#### **CSE 3207(5) - MANAGEMENT INFORMATION SYSTEMS**

Fundamentals of Information Systems; Information Systems of Business Operations; Decision Support Systems; Information Systems for Strategic Advantage; Managing Information Technology; Planning and Implementing Change; Business Process Re-engineering; Executive Information Systems.

#### **DFA 2004Y(3) - PRINCIPLES AND APPLICATION OF TAXATION**

Principles and Applications of Taxation; Powers of Commissioners; Domicile and Residence; Taxation of individuals from various sources; Partnership; Capital Allowances; Companies; Value-added tax; Anti-avoidance provisions; International Aspects of Tax; Residence and its implications; Tax treaty system; Double Taxation relief; Assessment of Companies trading internationally, Comparative taxation system; Direct expenditure and tax expenditure; personal financial planning.

#### **ECON 1001Y(1) - FUNDAMENTALS OF ECONOMICS**

Price Mechanism. Revenue and Elasticity. Consumer Choice. Theory of Production. Analysis of Costs. Market Structures. Factor Market Analysis. Market Failures and Externalities. National Income Determination. Consumption, Savings and Investment. Monetary Policy and Theories of Inflation. Unemployment. Fiscal Policy. IS-LM Model. International Trade, Balance of Payments and Exchange Rate Regimes.

#### **ECON 1003Y(1) - QUANTITATIVE METHODS FOR BUSINESS**

Differential and Integral Calculus with Business Applications. Optimization, Constrained and Unconstrained. Series and Financial Mathematics. Linear Algebra. Linear Programming. Introduction to Differential Equations. Descriptive Statistics: Introduction, Data Presentation, Measures of Location, Measures of Dispersion. Probability and Probability Distributions. Statistical Inference: Introduction, Sample Distribution of Sample Statistics, Estimation, Hypothesis Testing. Index Numbers.

#### **ECON 2006Y(3) - ECONOMICS OF TRANSPORT AND TOURISM**

Analysis of Transport Markets. Pricing Policies and Reforms. Technology and the Transport Sector. Transport Externalities. Sustainable Transport Network. Transport Policy. Regulation and Deregulation. Case studies. Economics of Domestic and International Tourism. Small

Island Economies. Methods of Evaluating Sustainability of Tourism. Cost Structure and Price Strategies. Hospitality Management. WTO and Regional Strategies. Case Studies.

#### **ECON 2008Y(3) - BUSINESS ECONOMICS**

Demand analysis. Consumer Choice. Production and Costs. Decision Analysis. Uncertainty and Information: Adverse Selection, Moral Hazard, Principal-Agent Problems, Design of Optimal Incentive Plans. Externalities and Public Goods. Market Structures. Pricing Practices. Product Differentiation. Strategic Behaviour. Industry Structure and Performance. Risk Analysis and Capital Budgeting. Regulation. Managerial Economics: Taking a Global View.

#### **ECON 2010Y(3) - PRINCIPLES OF BANKING AND BUSINESS FINANCE**

Types, Characteristics and Functions of Money. Demand for Money. Role of Banks and Non-banking Institutions. The Money Supply Process. Financial Intermediation. Banking Regulation. Bank Management. Interest Rates. Money and Capital Markets. Central Banking. Monetary Policy. Sources of Finance for Business: Banks and Non-bank Financial Institutions. Corporate Bonds. Bond Ratings and Risk. Financial Leverage. Microcredit. Venture Capital. Leasing. Informal Finance. Stock Market. Partnerships and Mergers.

#### **ECON 2171(3) - FUNDAMENTALS OF ECONOMETRICS**

Linear Regression Model: Hypothesis Testing and Inference; Dummy Variables; Multicollinearity, Heteroscedasticity and Autocorrelation; Introduction to Time Series Models. Introduction to Simultaneous Equation Models.

#### **ECON 2233(3) - APPLIED ECONOMETRICS FOR BUSINESS**

Dummy Variables: Modelling Seasonality and Structural Change; Model Specification, Selection and Evaluation; Time Series Models: ARMA; Stationarity and Invertibility; Unit Root Hypothesis, Cointegration and Error-Correction, Impulse Response Function; Business Forecasting.

#### **ECON 2262(3) - INTERNATIONAL BANKING PRACTICES**

International Financial System. Eurocurrency Markets. Currency Risk Exposure and Management. Global Financial Services. International Banking Centers. Offshore Banking. Harmonisation of Central Banks' Operations. Banking Crises and Contagion. Regulation of International Banking.

#### **ECON 3003Y(5) - BUSINESS STRATEGY AND e-COMMERCE**

Globalisation and Electronic Business. Networking. Growth. Risk. Costs and Efficiency. Impact of Financial and Banking Activities. Financial services and e-Marketing. Security of Information and Transactions. Development of e-Business in Mauritius. The Firm and its Environment. Strategy Formulation. Managerial Incentives: Theory and Practice. Industry Analysis. Positioning. Competitive Analysis and Sustainable Advantage. Learning Curve. Coordination and Complementarity at Firm Level. Diversification and Economies of Scope. Case Studies.

#### **ECON 3004Y(5) - BUSINESS ETHICS AND GOVERNANCE**

Historical Evolution of the Mauritian Economy. Structural Change and Economic Diversification. Employment and Manpower Policy. International Trade Policy. Labour Law and Industrial Dispute Settlement Mechanisms. Industry Structure and Performance. Public-Private Partnership. Welfare State. Environment Policy. Regional Cooperation and Prospects. Horizontal v/s Vertical Governance. Profit Maximisation v/s Other Corporate Objectives. Social Responsibility of Business. Labor-Management Participation. International Labour Standards. Business and the Environment. Challenges of Globalisation. Regulation of Business Practices.

#### **ECON 3131(5) - INTERNATIONAL TRADE**

International Trade Theories: Ricardian and Heckscher-Ohlin Models. Offer Curves, Growth and Trade. Empirical Evidence. Trade, Imperfect Competition and Economies of Scale: Intra-Industry Trade, Dumping. International Factor Movements and FDI. Intertemporal Trade. Trade Policy.

**ECON 3181(5) - RISK MANAGEMENT**

Sources and Types of Risk: Hedging Techniques. Foreign Exchange Markets. Foreign Exchange Exposure. International Techniques of Managing Forex Risk: Forward and Futures Markets. Swaps. Interest Rate Currency and Commodity Swaps. Commodity Futures. Options and Risk Management.

**ECON 3198(5) - MULTINATIONAL BUSINESS AND FINANCE**

The MNE. Environment of International Business and Trade. MNEs and Global Enterprises. Modes of Entry in International Marketing. Exports, Joint Ventures, Wholly Owned Subsidiaries. Multinational Production/Operations Management, Financial Management. Contemporary Issues in International Business.

**ECON 3251(5) - PROJECT MANAGEMENT AND FINANCE**

Financial, Economic and Environmental Dimensions of a Project. Applications of Standard Techniques. Measurement Issues. Feasibility Analysis. Cost-Effectiveness Analysis. Financing Options and Implications. International Financing.

**ECON 3279(5) - FINANCIAL MARKETS AND INSTITUTIONS**

Financial systems. Banks v/s Capital Market. Capital Markets and Resource Allocation. National and International Financial Markets, Instruments and Institutions. Structure of Financial Markets and Trading Techniques. Interest Rate Linkages. International Liquidity. Financial Stability and Capital Flows. Financial Crisis and Contagion. Regulatory Framework.

**ECON 4000(5) - DISSERTATION**

At the end of the fourth year of the programme, the students will be required to submit a project dissertation. The title of the dissertation has to be approved by the Department of Economics and Statistics and a Project Supervisor identified by the Programme Coordinator. The dissertation length should be in the range of 10000–12000 words.

**ECON 4111(5) - INTERNET ECONOMICS**

Requirements for Pricing Internet Services. Network Interconnectivity and Pricing of Internet Products. Piracy and Intellectual Property Rights.

**ECON 4113(5) - GOVERNMENT AND THE BUSINESS ENVIRONMENT**

Industrial and Financial Policy. Human Resource Planning. Environmental Management. Taxation and Business Policy. Public Services and Privatization Policy. Government Incentives. SMEs.

**LAWS 1205(3) - DROIT COMMERCIAL ET DROIT DE SOCIÉTÉS**

Acte de commerce; statut de commerçant; le commissionnaire; le gage commercial; les critères de la société et les sociétés commerciales de personnes (société en nom collectif et en commandité simple); le droit de la faillite.

**MGT 1111(1) - ORGANISATION AND MANAGEMENT**

Management Concepts. Development of Management Theories. Organisational Theory. Managerial Functions. The Business Environment. Types of Business Organisations. Communications, Motivation and Leadership. Organisational Change, Control and Conflict. Management by Objectives. Social Responsibilities. Management in Future.

**MGT 1200(1) - INTRODUCTION TO MARKETING**

Origins and Development of the Concept of Marketing. Customer Satisfaction at a Profit. Market Structures. Marketing Activities and Functions in Industry. The Bridge Between Production and Consumption. Social, Cultural, Economic and Political Factors and their Impact on Marketing Operations. The Marketing Mix. Ethics.

**MGT 3059Y(5) - INTERNATIONAL BUSINESS AND MANAGEMENT**

The International Business Environment – Introduction to International Business, The Emerging Global Economy, The Role of Technological Forces in the Globalisation Process, Differences in Political Economies, The Concept of National Competitiveness, Emerging Markets in the Global Economy.

Cross-Border Management – The International Marketing environment as influenced by Political, Legal and Cultural dimensions. Foreign Market Analysis, Selecting and Managing Entry Modes to Foreign Markets, Assessing the Impact of Exporting, Importing and Counter-Trade. International Market Research and Multinational Marketing Information Systems. International Marketing Mix decisions. Managing Diversity and Cross Cultural Differences. Current Issues in International Business and Management.

**PSYC 3103(5) - INDUSTRIAL/ORGANISATIONAL PSYCHOLOGY**

Introduction to Industrial/Organisational Psychology. Foundations of Individual Behaviour in Organisations. Motivation. Group Dynamics. Conflict. Power and Politics. Leadership. Communication. Organisational Culture. Organisational Change and Development. HRM Issues.