



## College of Business

### BBA in Finance and Banking

#### COURSE DESCRIPTIONS

| Course ID | Course Name                        | Brief Course Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| 0503210   | Computer Applications in Finance   | The main objective of this course is to enhance students' technological finance skills by linking what they studied in finance courses with implementation by using computer applications like Microsoft Excel, Monte Carlo simulation, and other tools as well. It is a lab-based, project-oriented course and provides hands-on experience of using computer application tools. It helps in bridging the gap between theory and practice as the students will take real examples/case studies and do the analysis directly on computers. The course covers some important topics in finance include the time value of money, capital budgeting, capital structure, financial markets, stocks and bonds valuation. This course helps the student to be ready for real-world applications of corporate finance and investments.          |
| 0503300   | Principles of Financial Management | This course covering relevant topics regarding financial decision making. This course aims to introduce the students to the tools and techniques of financial management, and their use to managerial decision-making. The course emphasizes the understanding of finance theory and working knowledge of the financial environment in which the firm operates in order to develop appropriate financial strategies. Hence, it covers the whole range of basic finance concepts, economics and financial environment, financial statement analysis, risk analysis, the valuation process, capital budgeting and cost of capital. It will also cover financial analytical tools, cash flow management techniques, and working capital management. his course is an overview study of the concepts and techniques in financial management. |
| 0503310   | Corporate Finance                  | This course focuses on the development of the theory, method and analytical techniques of financial management. It covers techniques of capital budgeting, valuation of projects and firms, theory of capital structure, dividend policy, cost of capital, and mergers & acquisitions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 0503320   | Investment Management              | This course is designed to provide the students with the basic knowledge and skills required by the individual and institutional investors to make sound investment decisions in securities markets. Topics to be covered include: types and organization of securities markets, risk and return, features and characteristics of securities with concentration on common stocks, corporate bonds, and mutual funds. In addition, the course will introduce the students with the basic concepts of the modern investment theory which consists of portfolio management and asset pricing models.                                                                                                                                                                                                                                        |
| 0503321   | Portfolio Management               | This course is designed to assist students in implementing portfolio management theory in practice. It covers several topics including: investment allocation, portfolio construction & management and portfolio evaluation. In addition, topics will include The hedging instruments and techniques used by portfolio managers and the asset pricing models and their implications for investment.                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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| 0503330 | Banking Operations Management      | This course focuses on management of depository financial intermediaries with primary emphasis on commercial banks. Topics include bank regulation, liquidity and reserve position management, loan pricing and analysis, investment portfolio problems and overall asset-liability management.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 0503340 | Islamic Finance                    | The course introduces the students with the basic concepts of Islamic finance with concentration on the issue of the Reba (prohibition of pre-determinant fixed interest rate) and its Islamic alternative, the profit-loss sharing. The course will explain in detail the main Islamic financial contracts (Murabaha, Mudarbaha and Musharkaha) and their applications in Islamic banks. In addition, the course will shed light on both insurance and stock market from an Islamic perspective.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 0503350 | International Financial Management | This course focuses on applications of financial theory to the operations of multinational corporations. Topics include: international financial environment, determinants of international portfolio and direct investment capital flows, management of foreign exchange position and hedging strategies, multinational capital budgeting, international capital structure decisions, international cost of capital and international credit institutions and capital markets.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 0503360 | Risk Management and Insurance      | This course focuses on business risks management, liability, loss exposures, risk control tools, risk financing tools, and legal aspects of insurance. The course covers the fundamentals of insurance including interpretation of policies, car insurance, retirement plans and annuities, life insurance and computation of insurance premiums. Moreover, this course seeks to introduce basic concepts, operations and activities conducting by Islamic insurance & reinsurance industry in UAE, which provide a stepping-stone to further course work and experience in risk and insurance management.                                                                                                                                                                                                                                                                                                                                                                                                             |
| 0503370 | Personal Finance                   | Personal Finance is essential in meeting the financial challenge of the 21st Century. The competencies, which form the basis for this course, enable students to analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned in course to financial situations encountered later in life. This course focuses on personal finance, including goal setting, cash management, credit, insurance, taxes, housing, investment alternatives, and retirement plans. This course provides the information needed to help students plan for the future and achieve financial security. Updated and revised important topics like VAT taxes, Educational loans, health care, and investments to provide the most current information available. The course includes techniques for planning and controlling the saving, spending, investing decisions in order to achieve personal finance goals. |
| 0503400 | Financial Analysis and Planning    | This course is designed to prepare the students to analyze, interpret and evaluate the financial decisions effectively through the case study methodology. The course covers several topics including: analysis of financial statements analysis, models of predicting financial failure, financial analysis from the creditors' perspective, technical analysis and fundamental analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 0503460 | Financial Engineering              | Financial engineering seeks to bridge theoretical finance and its practice. This course focuses on financial engineering tools and knowledge from the fields of computer science, statistics, economics, and applied mathematics to address current financial issues as well as to devise new and innovative financial products. This course will use mathematical techniques to solve financial problems in commercial banks, investment banks, insurance agencies, and hedge funds. As the financial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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|         |                                         | industry is always coming up with new and innovative investment tools and products for investors and companies. Most of the products have been developed through techniques in the field of financial engineering.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 0503470 | Financial Markets and Institutions      | This course is designed to introduce and analyze the structure and functions of the financial system. The course starts with an introduction to financial institutions, focusing on their main functions and operations, discusses various financial markets including money markets, bond markets, stock markets, and issues in financial institutions management.                                                                                                                                                                                                                                                                                                                                                   |
| 0503480 | Financial Feasibility Study             | This course provides the students with the knowledge and skills needed to conduct the feasibility study to make the decision of accepting or rejecting the project. The course uses the case study methodology and concentrates on the financial study including: estimating the relevant cash flows, estimating the cost of capital, calculate the risk-adjusted NPV.                                                                                                                                                                                                                                                                                                                                                |
| 0503490 | Internship (Finance and Banking)        | An Internship is a planned academic-work experience in workplaces directly related to the student's area of college study. It is an excellent opportunity for students to attach their field of study to a practical experience of their career interest in short term. Internships help students integrate what is taught in the college with what is required in the workplace. Students take internships to develop knowledge and skills valued by employers. This course is designed to provide a good opportunity for students to acquaint themselves with various business and management systems that are being utilized in the fields of application, and the opportunity to have practice before graduation. |
| 0507410 | Business Law and Ethics                 | This course provides an analysis of essential ethical principles that are valued from different perceptions to provide tools for making sound ethical decisions in various business situations and in the face of business dilemmas. The course will introduce the students to the legal system as it relates to the business world. The course reviews the common law and its development, organizational structures, and the regulatory environment pertinent to business. Special attention is given to the law of contracts, business associations (agency, partnerships, and corporations), sales, commercial papers, wills, estates, trusts, and other legal entities.                                          |
| 0508200 | Mathematics for Business                | This course is intended for students who are studying mathematics as a subject on economics, business or management courses. The course assumes minimal mathematical background but demonstrates the usefulness and relevance of basic mathematics in economics and business. The course covers some mathematical preliminaries, the straight line and applications, simultaneous equations, non-linear functions as quadratic, cubic and other polynomial functions, simple and compound interest, annuities, applications of differentiation in marginal function and average function, and matrices.                                                                                                               |
| 0508201 | Statistics for Business Decision-Making | This course offers an introduction to the use of statistics in business science and everyday life. The course provides students with the knowledge to gather, process and present statistical data, construct frequency charts, compute measures of central tendency and standard and quartile deviations. This knowledge is then applied to solving business problems in sampling, hypothesis testing, regression and correlation, and trend analysis.                                                                                                                                                                                                                                                               |
| 0508203 | Scientific Research Methodology         | The course provides a comprehensive introduction to research proposal writing. It examines all phases of the research process starting with identification of a topic, formulation of hypotheses, selection of methodology, review of literature, collection of data, analysis and preparation of a final research document.                                                                                                                                                                                                                                                                                                                                                                                          |
| 0509200 | Principles of Macroeconomics            | This course offers an introduction to economics with focus on macroeconomic issues. The central macroeconomic problems, including economic growth, business cycles, unemployment and inflation, are discussed in detail. The theory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|         |                              | of income determination, monetary and fiscal policies are given extensive treatment in this course. The course also provides exposure to the methods of calculating gross domestic product, national income and aggregate expenditure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 0509210 | Principles of Microeconomics | <p>This is an introductory course in the principles of microeconomics. The primary focus of the course is on the theory of resource allocation, price determination under various market structures. Some of the major topics to be covered in this course include: the theory of supply and demand, theory of consumer behavior, and theory of the firm under different market conditions. This rigorous microeconomics syllabus is for a 15-week course. Its sessions are taught as 90-minute sessions per week for a total of 45 hours during the semester. The course is appropriate for undergraduate students at a third-year level or advanced second-year level. Each session could include a mix of the following components: lecture, discussion, an interactive activity in class, and open Q&amp;A with applicable examples specifically from the UAE economy. The session descriptions below contain a summary of the class, a list of the readings and during class activities, and a set of study questions to contemplate beforehand and to be used in class discussion.</p> |