

UNIT INFORMATION

AC2091 Financial Reporting

This unit is concerned with the theory and practice of financial accounting. This involves a sound understanding of the concepts and choices that underlie the way in which financial information is measured and disclosed in the financial statements.

AC3059 Financial Management

This unit introduces students to the concepts and theories of corporate finance that underlie the techniques which are offered as aids for the understanding, evaluation and resolution of financial managers' problems. Topics will be set in both national and international contexts.

AC3093 Auditing and Assurance

This unit introduces students to the principles of external auditing and other assurance services. Both theoretical and practical aspects of the audit process will be considered.

AC3143 Valuation and Securities Analysis

This unit will provide insights and understanding of security analysis and valuation from both theoretical and empirical perspectives. It is aimed at students who are interested in equity research, corporate finance and fund management.

EC2020 Elements of Econometrics

This unit is designed to develop students' understanding of the use of regression analysis and related techniques for quantifying economic relationships and testing economic theories.

EC2065 Macroeconomics

This intermediate unit introduces students to the most influential and compelling theories that have been designed by economists to explain the relationships between output, unemployment and inflation. Students will understand contemporary and historical macroeconomic events, and the way that macroeconomic thought has evolved over the last century.

EC2066 Microeconomics

The intermediate unit examines how economic decisions are made by households and firms, and how they interact to determine the quantities and prices of factor inputs and the resultant outputs. The course also examines economic efficiency and equity, and instances where markets fail to produce efficient solutions.

EC3016 International Economics

This unit is an analytical course in international trade and international finance. Students are introduced to the theories with which to understand international trade patterns, examine trade policies, analyse the determinants of exchange rates and financial crises and address topical issues of international economic interdependence between states.

EC3096 Economic History since 1900

The unit examines how the international economy developed between 1820 and 2000 and what inter-relationships there are between the development of the international economy and the development of national economies, referring in particular to Japan, Britain and the United States. Students will also learn useful economic concepts that help understand real historical circumstances and how economic choices and changes are constrained by the circumstances of the time.

EC3099 Industrial Economics

This unit examines the strategic interactions between firms, and the other essential factors which determine the nature of industrial structure. It looks at the influence and efficacy of prevailing government policies. It provides a game theoretical background intuition to all forms of market competition, price discrimination, product differentiation and vertical restraints.

EC3115 Monetary Economics

This unit examines monetary policy in open and closed economies, using models (from neo-Classical to Keynesian) to explain the modern monetary system, and the strengths and weaknesses of the different schools' models. It also examines current international monetary arrangements (and exchange rate determination) and their historical development.

EC3120 Mathematical Economics

Mathematical modelling is particularly helpful in analysing a number of aspects of economic theory. The unit content includes a study of several mathematical models used in economics.

FN2029 Financial Intermediation

The syllabus brings together the upstream issues of risk measurement and management with the downstream issues of the process of risk management and the implementation of hedging programmes.

FN2190 Asset Pricing and Financial Markets

The unit provide students with a thorough grounding in asset pricing and develop students' skills in applying pricing methods to realistic scenarios. It also provides a critical overview of the research on financial market efficiency and allow students to develop an understanding of how securities markets operate.

FN2191 Principles of Corporate Finance

This units provides a theoretical framework used to address issues in project appraisal and financing, payout policy, capital structure, mergers and acquisitions, equity offerings, and risk management. It provides students with the tools required for further studies in financial intermediation and investments.

FN3023 Investment Management

This unit is designed to introduce students to the investment environment in the role of a private or professional investor.

FN3142 Quantitative Finance

This unit is aimed at students interested in obtaining a thorough grounding in market finance and related empirical methods. It provides applications in asset pricing, investments, risk analysis and management, market microstructure, and return forecasting.

IR3026 International Political Economy

This unit provides an introduction to international political economy - the interface between international economics and international politics. Students will engage with the International Relations concepts, ideas and literatures on the economic relations among states, and between states and non-state actors, such as firms, societal groups and international organisations.

IS1181 Digital Infrastructures for Business

Elements of social and applied psychology Entrepreneurship. This unit provides an introduction to the digital infrastructures which business, government and wider society increasingly depend upon, such as internet and the various applications and services that it supports and enables.

IS2182 Innovating Digital Systems and Services

This unit aims to cover the methods, value, attitudes and techniques in building complex digital systems for business and society. It enables students to select and apply a relevant methodological approach to the development of well-designed and innovation digital systems and services.

IS2184 Information Systems Management

This unit provides the fundamental concepts needed to understand information technology management in organisations from the perspectives of information systems theory, organisation theory and economics. It also introduces the main principles of project management and discusses how these will affect the deployment of ICTs in organisations.

IS3159 Research Project in Digital Innovation*

This unit provides students with an opportunity to develop their research skills and to present a substantial piece of original work based on academic approaches applied within the field of information systems.

IS3167 Management and Innovation of e-Business

This unit combines transaction cost economics with e-business development to discuss e-business trends and strategies. It covers how e-business produces innovation in business models, processes and products.

IS3183 Management and Social Media

This unit is about social media and the broader context of digital economy within social media platforms operate. It analyses the critical role social media as multi-sided digital platforms and the distinctive ways they serve, including platform owners, users, advertiser and third parties such as start-ups and data analytic companies.

MN1178 Business and Management in a Global Context

This unit provides an introduction to business and management with particular emphasis on their international dimension. It will provide an overview of globalisation and regional developments and help to establish understanding of and illustrate how firms develop international strategies, enter markets, operate and manage on the global stage.

MN2028 Managerial Economics

This is an intermediate Microeconomic unit. It takes a strongly game theoretic approach to management problems, and attempts to equip students with the quantitative economic skills required by 21st century managers.

MN2032 Management Science Methods

This unit deals with decision making within the managerial context. It encompasses a number of systematic approaches to problem solving by means of constructing explicit, simplified models to deal with them. Although quantitative, these models inevitably have a qualitative character which potential managers must learn to appreciate.

MN2177 Core management Concepts

This unit traces the roots of modern management technique in the developing disciplines of the social sciences and offers a framework for a critical understanding of the corpus of business knowledge. It illustrates the disciplinary anchors of these disciplines in sociology, psychology and economics.

MN3027 The Law of Business Organisations

This unit provides an insight into and understanding of the workings of business organisations (including formation and effect), their operations and management. It explores the business entity and the practical implications of binding obligations and contracts, the liabilities and protection conferred on management and investors.

MN3075 Human Resource Management

The syllabus draws on the following theories: human resource strategy; psychological contracts; organisational commitment; motivation; organisational justice. These theories are used as a basis for examining the traditional human resource areas like recruitment and selection; employment appraisal; industrial relations and collective bargaining, etc.

MN3119 Strategy

This unit studies situations in which two or more decision makers interact in a strategic manner. Understanding strategy situations involving conflict and/or cooperation has proved useful in economics, business, political science, law, and social psychology. This is about interaction of game theory, economics and strategic management.

MN3127 Organisation Theory: An Interdisciplinary Approach

This unit explores the ways in which organisations can be designed (by management or others) in order to achieve their objectives. This is an interdisciplinary unit drawing centrally upon psychology, sociology, economics and, to a lesser extent, management theory.

MN3141 Principles of Marketing

This unit introduces students to the fundamental principles of marketing and marketing management. The strategic approach taken in this unit will enable students to gain a broad understanding of consumers and the marketing behaviour of firms, especially those operating in an international environment.

MT2076 Management Mathematics

This unit looks at the application of mathematics and statistics in management and business. Students will use dynamic models and data analysis – with an emphasis on model construction and interpretation – in order to gain an appreciation of their appropriate and wide use in this context.

MT2116 Abstract mathematics

This unit is an introduction to formal mathematical reasoning, in which proof is central. It introduces fundamental concepts and constructions of mathematics and looks at how to formulate mathematical statements in precise terms. It then shows how such statements can be proved or disproved.

MT2175 Further Linear Algebra (half unit)

This course continues the study of linear algebra to prepare students for further courses in mathematics and/or related disciplines (economics, actuarial science).

MT2176 Further Calculus (half unit)

This course follows on from Calculus and Algebra, and continues further the study of calculus techniques and theory. The course will develop further the theory of functions, and will also include some new practical skills, such as how to evaluate double integrals and how to use Laplace transforms to solve differential equations.

MT3040 Game theory (half unit)

At the end of this unit, students should be familiar with the main concepts of non-cooperative game theory, and know how they are used in modelling and analysing an interactive situation

MT3042 Optimisation Theory (half unit)

This half unit brings together several parts of the wide area of mathematical optimisation, as encountered in many applied fields. The emphasis is on the mathematical ideas and theory used in continuous optimisation.

SP2079 Elements of Social and Applied Psychology

This unit provides an overview of key areas of social psychology and their application. It addresses issues of both theoretical interest and practical importance, thereby aiding our understanding of how people behave, think, interact and communicate in social settings.

ST2133 Advanced Statistics: Distribution Theory (half unit)

The aim of this unit is to provide a thorough theoretical grounding in probability distributions. The unit teaches fundamental material that is required for specialised courses in statistics, actuarial science and econometrics.

ST2134 Advanced Statistics: Statistical Inference (half unit)

The aim of this half course is to provide a thorough theoretical grounding in statistical inference. The course teaches fundamental material that is required for specialised courses in statistics, actuarial science and econometrics.

ST2187 Business Analytics, Applied Modelling and Prediction

The objective of this unit specifically include the mechanics of building applied business models, aiding in managerial decision making by producing and critiquing forecasts. It extends and reinforces existing knowledge and introduces new areas of interest and applications of modelling in the ever-widening field of management.

ST2195 Programming for Data Science

This course will cover the main principles of computer programming with a focus on data science applications by following the entire pathway from raw data to databases, data wrangling and visualisation, machine learning frameworks up to software development.

ST3188 Statistical Methods for Market Research

This course concentrates on transforming students into competent and confident users of statistical software to enable them to conduct independent data analysis by taking a more applied approach to conventional statistics.

ST3189 Machine Learning

This course covers a wider range of such model based and algorithmic machine learning methods, illustrated in various real-world applications and datasets. At the same time, the theoretical foundation of the methodology is presented in some cases.

** Module was previously known as Research project in information systems.*

***More details on course objectives, learning outcomes and recommended reading can be found in the programme regulations of the University of London website, www.london.ac.uk (See section for Current Students).*

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