

# UNIT INFORMATION

## EC1002 Introduction to Economics

This unit offers students an introduction to the principles of Microeconomics (consumer theory and theory of the firm) and Macroeconomics (within the IS/LM framework). Although it is a rigorous, analytical and thorough exposition, it assumes no prior knowledge of the subject matter.

## EC2020 Elements of Econometrics

This unit is designed 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

## **FN2191 Principles of Corporate Finance**

This unit provides a theoretical framework used to address issues in project appraisal and financing, pay-out 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.

## **IR3026 International Political Economy**

### 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.

### 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](http://www.london.ac.uk) (See section for Current Students).*

*As updated in Dec 2019*