# KentVision Code and title of the module

ECON8200 Macro and Financial Economics

# Division and School/Department or partner institution responsible for the module

Division of Human and Social Sciences, School of Economics

# The level of the module

Level 7

# The number of credits and the ECTS value which the module represents

15 credits (7.5 ECTS)

# Which term(s) the module is to be taught in (or other teaching pattern)

Autumn or Spring

# Delivery of the module

* 1. **Mode of study**

In person

* 1. **Campus(es) or centre(s) where module will be delivered**

Canterbury

# Prerequisite and co-requisite modules and/or any module restrictions

ECON8210 Econometric Methods

# The course(s) of study to which the module contributes

* 1. **The module is compulsory for the following courses**

MSc Financial Economics

* 1. **The module is optional for the following courses**

MSc Economics

# MSc Economics and Data Science. A synopsis of the curriculum

The module offers a research-oriented introduction to contemporary macro and financial econometrics by linking econometric theory to empirical studies of the macro-economy and financial markets. It introduces models and methods used in central banks and research institutions for policy analysis and forecasting the macroeconomy as well as those used by financial institutions for low-frequency trading, risk assessment and portfolio allocation. It integrates empirical illustrations through the use of computer-based analysis of macroeconomic and financial data using appropriate software. We commence by providing a comprehensive introduction to stationary and nonstationary stochastic processes as well as the methods and models of univariate time series. We then proceed with modelling and predicting asset prices and returns and their volatility. Finally, we introduce multiple time series techniques for policy analysis and for macro-finance models. The module contributes to the overall course by enabling knowledge on specific problems and policy issues in Financial Economics and by developing analytical skills specific to Financial Economics. This aims to raise the employability of students in this area.

# Contact Hours

Private Study: 120

Contact Hours: 30

Total: 150

# Learning and teaching methods

This module will be delivered via lectures and seminars.

# The intended subject specific learning outcomes

On successfully completing the module students will be able to:

12.1 have comprehensive understanding of econometric techniques used with time series data

12.2 demonstrate critical assessment in reading and interpretation of empirical macroeconomic research

12.3 be practised in own modelling of economic series using advanced econometric theory

12.4 comprehensively understand the role of financial markets in modern economies

12.5 critically apply financial theories (including Efficient Market Hypothesis and Behavioural Finance)

12.6 have the ability to undertake complex empirical research using statistical software for time series analysis

# The intended generic learning outcomes

On successfully completing the module students will be able to:

13.1 utilise modern computing resources to access and acquire data from relevant sources

13.2 demonstrate enhanced problem-solving skills with complex structures

13.3 proficiently communicate and present sophisticated economic and/or financial ideas through short articles and formal reports

# Assessment Strategy

* 1. **Main assessment methods**

Project (2,000 words): 30%

Examination (2 hours): 70%

* 1. **How the assessment methods outlined above fit with the course assessment strategy?**

The Project shows if the student is performing well in achieving the learning outcomes and the feedback received on it will help them improve so that they receive their full potential in the exam. Both assessment methods will ensure that the learning outcomes of the course specification are achieved.

* 1. **Reassessment methods**

Like-for-Like

# Mapping of Learning Outcomes

Map of module learning outcomes (sections 12 & 13) to learning and teaching methods (section 11) and methods of assessment (section 14).

* 1. **Module learning outcomes against learning and teaching methods**

| **Module learning outcome** | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 13.1 | 13.2 | 13.3 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Lectures* | **x** | **x** |  | **x** | **x** |  |  | **x** |  |
| *Seminars* | **x** | **x** |  |  |  |  |  | **x** | **x** |
| *Computing Classes* | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| *Independent Study* | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |  |

* 1. **Module learning outcomes against assessment methods**

| **Module learning outcome** | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 13.1 | 13.2 | 13.3 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Project* | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| *Exam* | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

# Reading list

The University is committed to ensuring that core reading materials are in accessible electronic format in line with the Kent Inclusive Practices.

The most up to date reading list for each module can be found on the university's [reading list pages](https://kent.rl.talis.com/index.html).

# Inclusive module design

The Division recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

**MODULE RECORD**

**All revisions for this module are recorded in the table below for student and staff information.**

| **Date approved** | **New/ Material/ Major/ Minor revision** | **Start date of delivery of this version** | **Sections revised (if applicable)** |  |
| --- | --- | --- | --- | --- |
| 21.11.22 | Major | Spring 2023 | 7, 8, 9, 10, 11, 12, 13, 14 |  |
| 18.08.23 | Major | Spring 2023 | 15.2 (removal of pass comp elements) | Existing |
|  |  |  |  |  |