Study Abroad

Modules in Economics

2022/23 Academic Year

MODULE NAME: Microeconomics

MODULE CODE: EC1000

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, students should be able to:

1. Describe the basic theory of the behaviour of economic and social agents.

2. Define the fundamental concepts – such as objectives, constraints, demand, cost, rationality, equilibrium – comprising the microeconomist's toolkit.

3. Describe simple policy tools (e.g., taxes and subsidies), the contexts in which they might be deployed, and their likely consequences.

4. Demonstrate important insights about strategic behaviour that can improve students' skills when engaged in strategic situations.

5. Describe some basic mistakes and fallacies in decision making. Explain the interface between rationality and emotions in decision making.

COORDINATOR: Subir Bose

TEACHING AND LEARNING METHODS:

Learning is based on lectures, seminars, and guided independent study

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Mid-term Test (20%) and a final Exam (80%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from Lectures and core reading

- Preparation for seminars (attempting the problems prior to appearing for the seminar)

- Discussion with module leader during office hour. Students can get further feedback on lecture, seminar material and also on their independent studies.

MODULE NAME: Maths for Economics I

MODULE CODE: EC1005

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On completion of this module typical students will be able to apply mathematical techniques, such as those listed below, to solving analytical and numerical economic problems: algebraic symbols and manipulating algebraic equations; linear equations; powers, series and inverse functions; solving quadratic and simultaneous equations; basic differentiation; identifying maxima and minima; partial differentiation; an introduction to log and exponential functions.

COORDINATOR: Asako Ohinata

TEACHING AND LEARNING METHODS:

Lectures (20 hours), tutorials and problem solving classes (18 hours over 9 classes).The two hour tutorial sessions are designed to provide ample time for interactive discussions on the problems prepared and presented by students under the guidance of a tutor. The module will be assessed by a 20% take-home assignment as well as a 80% exam.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

A 20% take-home assignment and a 80% 2 hour exam.

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Preparing for tutorials by trying to solve problem sets before sessions so that students can receive feedback on their attempts and clarify any questions raised by those problem sets.

MODULE NAME: Statistics for Economists I

MODULE CODE: EC1007

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

- Demonstrate a clear ability to discuss the following topics:

  1. Descriptive Statistics

  2. Probability

  3. Probability Distributions

  4. Sampling and Sampling Distributions

  5. Interval Estimation

- Apply the theoretical concepts learned in each topic above to real-world problems.

- Critically analyse statistical results.

COORDINATOR: Zovanga Kone

TEACHING AND LEARNING METHODS:

Lectures (20 hours), tutorials (problem solving classes, 9 hours). The module will be assessed by two hour written examination (80%) and coursework (45 minute mid-term test, 20%).

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Test and Exam (final).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Preparing for tutorials by trying to solve problem sets before sessions so that students can receive feedback on their attempts and clarify any questions raised by those problem sets. Prepare for mid term test and final exam.

MODULE NAME: Probability and Probability Distributions

MODULE CODE: EC1011

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of the module a typical student will be able to:

- Calculate descriptive statistics from grouped and ungrouped data.

- Formulate problems in a probabilistic manner.

- Derive properties of standard univariate and multivariate probability distributions expressed in a mathematical form

- Demonstrate familiarity with basic theorems relating to expected values of functions of random variables

COORDINATOR: Nadia Zakir

TEACHING AND LEARNING METHODS:

Lectures (20 hours), directed reading, problem solving classes (18 hours). The two hour tutorial sessions are designed to provide ample time for interactive discussions on the problems prepared and presented by students under the guidance of a tutor. The module will be assessed by a problem-based examination (100%).

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

By Examination (100%). Formative assessment opportunities will be given throughout the course.

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Preparing for tutorials by trying to solve problem sets before sessions so that students can receive feedback on their attempts and clarify any questions raised by those problem sets.

MODULE NAME: Calculus and Optimisation

MODULE CODE: EC1013

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On completion of this module, a typical student should be able to:

-Graph, algebraically manipulate, differentiate and integrate (when possible) combinations of elementary functions (constants, linear, polynomial, rational, exponential, logarithmic and trigonometric).

-Understand concepts of continuity and differentiability of a function

-Explain the relationship between derivatives, rates of change, marginal concepts and elasticities.

-Explain the relationship between integrals, areas and economic surpluses.

-Formulate simple economic models as systems of equations to solve them and carry out comparative statics exercises.

-Formulate and solve static optimisation problems involving one decision variable.

-Formulate and solve two-variable static unconstrained optimisation problems using first order conditions.

-Formulate and solve two-variable static constrained optimisation problems with equality constraints, using first order conditions and the Lagrange multiplier method.

-Use constrained optimisation to solve the Utility Maximisation Problem of a consumer.

-Explain the implications of the Envelope Theorem for optimisation problems.

-Provide an economic interpretation of the Lagrange multipliers in a utility maximisation problem and in a cost minimisation problem.

-Implement numerical differentiation, integration and optimisation techniques

COORDINATOR: Piotr Denderski

TEACHING AND LEARNING METHODS:

Lectures (24 hours), tutorials (problem solving classes, 9 hours), prerecorded videos (4 hours), directed reading, example sheets

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Blackboard test and an exam

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Preparing for tutorials by trying to solve problem sets before sessions so that students can receive feedback on their attempts and clarify any questions raised by those problem sets.

Read indicated parts of suggested textbooks to further deepen their understanding of mathematical theory discussed in class.

MODULE NAME: Introductory Econometrics

MODULE CODE: EC2010

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

- Demonstrate standard hypothesis tests and explain OLS regression analysis,

- Discuss the problems associated with OLS when classical assumptions fail,

- Differentiate between various functional forms and assess which of these is appropriate for estimating economic models,

- Manipulate data to the most appropriate form for model estimation,

- Demonstrate regression analysis using a statistical package and analyse regression outputs—specifically what the coefficients represent.

COORDINATOR: Arkadiusz Szydlowski

TEACHING AND LEARNING METHODS:

Lectures (20 hours), seminars (8 hours), computer classes (4 hours). The module will be assessed by a one and a half hour final examination (70%) and coursework (problem sets, 30%).

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

One and a half hour final examination (70%) and coursework (problem sets, 30%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Prepare the seminars, prepare answers to problem sets to be submitted as part of your assessment and prepare for the final exam.

MODULE NAME: Econometrics I

MODULE CODE: EC2020

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

- Describe, analyse, and evaluate two-variable linear regression models,

- Use elementary matrix algebra to analyse simple regressions,

- Formulate, analyse, and evaluate multiple regression models in matrices,

- Formulate and discuss generalized least squares estimation techniques,

- Describe and use the method of maximum likelihood estimation.

COORDINATOR: Emi Mise

TEACHING AND LEARNING METHODS:

Lectures, tutorials, and computer classes.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Computer-based coursework, and assignment involving algebraic quesitons.

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Prepare the problems for the tutorial sessions, get familiar with statistical package to prepare your coursework and general revision for the final exam.

MODULE NAME: Principles of Banking

MODULE CODE: EC2033

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

- Describe the key characteristics of banking and financial intermediation

- Analyse a bank's balance sheet, income statement, and income structure

- Discuss different approaches to bank management and risk management

- Describe the different functions of the central bank including monetary policy

- Use different theories of banking in order to analyse real-world events

COORDINATOR: Angela Izah

TEACHING AND LEARNING METHODS:

The module will comprise a combination of lectures and tutorials. Lectures will develop the core material in terms of (i) empirical background (e.g., the regulatory and institutional characteristics that underlie the role of the banking sector and financial intermediation), and (ii) the demonstration of analytical tools that can be applied to banking, its management, and its interrelation with monetary policy, with the purpose of explaining real-world events. Tutorials will complement this process through the solution of specific exercises, based on the analytical tools developed in lectures. As students are expected to attempt the solutions of these exercises prior to each tutorial, they will be able to review their methods and results, discuss them with the module leader and receive formative feedback on their work.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Coursework and Examination

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from core reading list and other suggested learning resources.

- Analysis of case studies.

- Peer discussions on news/developments that relate to the topics of the module.

- Discussion with module leader during office hours, where students can also seek formative feedback on their work.

MODULE NAME: Game Theory

MODULE CODE: EC2043

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

- Formulate strategic form game representations of strategic interactions.

- Explain the concepts of (weakly and strictly) dominant and dominated strategies.

- Analyse the strategic form by applying the approach of iterated deletion of dominated strategies.

- Formulate dynamic interactions in, and analyse, the extensive form.

- Characterise subgame-perfect equilibria in extensive form games and apply these techniques to the analysis of repeated games and bargaining models.

- Critically discuss the relationship between the theoretical tools of game theory and the empirical evidence on how people make decisions.

COORDINATOR: Jacob Seifert

TEACHING AND LEARNING METHODS:

Lectures, tutorials.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Mid-term test and exam.

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Prepare the problems for the seminar sessions, prepare and revise for coursework and final exam.

MODULE NAME: Principles of Accounting

MODULE CODE: EC2076

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Explain the information requirements of the preparers and users of financial statements

- Record transactions using double entry accounting, including accounting for non-current assets, inventory, accruals, prepayments, impaired and irrecoverable debts

- Reconcile control accounts and prepare a bank reconciliation

- Prepare financial statements for sole traders from incomplete records

- Prepare financial statements for partnerships and companies, describe the differences in legal requirement and understand the contents of company annual reports

- Critically evaluate the performance of a company using ratio analysis

COORDINATOR: Lynne Howey

TEACHING AND LEARNING METHODS:

Lectures (20 hours), seminars (8 hours), and independent research. The module will be assessed by a two and a quarter hour examination (15 minutes reading time, two-hours writing time - 80%), and two pieces of coursework (10% each).

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Two pieces of coursework (10% each) and a final exam (80%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Working through the material covered in lectures.

- Reading from suggested learning resources and material (e.g., handouts, core textbook).

- Discussion with module leader during office hours, where students may seek formative feedback on their work.

MODULE NAME: Principles of Personal Taxation

MODULE CODE: EC2082

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On completion of this module students should be able to:

- Prepare tax computations and returns for individuals who are employed and/or receive investment income.

- Identify and describe valid alternative tax strategies available to individuals.

- Critically evaluate the legal and ethical implications of a range of taxation strategies.

COORDINATOR: Lynne Howey

TEACHING AND LEARNING METHODS:

Lectures and seminars; independent research.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

See Above

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions.

MODULE NAME: Business Law for Accountants

MODULE CODE: EC2086

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On successful completion of the module, students should be able to:

- Recognise when a legally binding contract exists and how it can be enforced.

- Discuss the legal differences between different types of organisation and the implications for them of insolvency.

- Critically evaluate the rights and duties of employers and employees.

- Written communication, problem solving, decision making, business awareness, time management.

COORDINATOR: Jim O'Hare

TEACHING AND LEARNING METHODS:

Lectures and seminars, Independent research, Discussions hosted on VLE blackboard.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Exam - 80%

Practice-based coursework - 20%

Resit- Exam - 100%

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions

MODULE NAME: Advanced Microeconomics

MODULE CODE: EC3000

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, successful students should be able to:

- Compare choices and decisions that involve risk and uncertainty;

- Identify preferences towards risk from individual realised choices and predict individual choices from preferences towards risk;

- Explain and analysis risk-mitigating strategies;

- Discuss how and when financial and insurance markets can be useful for the economy;

- Identify, explain and analyse moral hazard in theory and in practical situations;

- Identify, explain and analyse adverse selection in theory and in practical situations;

- Analyse problems of uncertainty and information through the lens of economic theory.

COORDINATOR: Guillaume Wilemme

TEACHING AND LEARNING METHODS:

Lectures, seminars, guided independent study.

PRE-REQUISITES: EC2012

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Midterm test and final examination

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Work on the assigned readings, seminar questions and problem sets in preparation of the seminar meetings. Independent revision of the course material in preparation for the midterm test and final exam.

MODULE NAME: Advanced Macroeconomics

MODULE CODE: EC3001

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

After successfully completing this module, students should be able to:

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- Demonstrate awareness of the driving forces behind increasing levels of GDP per capita

- Identify the fundamental characteristics that cause significant differences in prosperity among nations

- Construct formal economics models to analyse, evaluate and explain real-world economic phenomena

- Combine analytical tools and economic reasoning to critically assess the effectiveness of policies that are targeted at achieving higher GDP growth and at eradicating economic fluctuations.

- Communicate their arguments on issues related to economic growth and business cycles concisely and intuitively.

COORDINATOR: Dimitrios Varvarigos

TEACHING AND LEARNING METHODS:

The module will be delivered through a combination of lectures and seminars. During lectures, students will become familiar with the empirical background and with the tools of solving a variety of dynamic macroeconomic modules that seek to identify the main driving forces and characteristics that underlie changes in GDP per capita. Seminars will provide the solutions to specific exercises designed around the core theoretical models developed in lectures. Students should attempt the solutions of these exercises prior to each seminar, thus having the opportunity to develop their problem-solving skills.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Examination. There will be opportunities for formative feedback throughout the module.

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from core reading list and other suggested learning resources.

- Preparation for tutorials/seminars (e.g. attempting solutions)

- Research on the identification of real-world events that relate to the modules content.

- Discussion with module leader during office hours, where students can also seek formative feedback on their work.

MODULE NAME: Industrial Economics

MODULE CODE: EC3023

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On completion of this module, successful students will be able to:

- Analyse the importance of the strategic interaction framework as a basis for explaining the behaviour of firms.

- Define the factors that influence the size and nature of firms and the markets they compete in.

- Explain the motivating factors for diversification and the various formats this can take.

- Define the theory and evidence behind entry and exit strategies.

- Critically evaluate the factors responsible for generating and sustaining competitive advantage.

- Demonstrate how verbal reasoning, elementary algebra, elementarycalculus, diagrammatic analysis, and basic game theory can be used to understand firms' interaction and industry outcomes.

COORDINATOR: R Emre Aytimur

TEACHING AND LEARNING METHODS:

Lectures; Workshops, Guided Independent Study; Mid-term Formative Assessment Exercise with detailed individual feedback and discussion.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Take-home assignment and Examination

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Work on the assigned readings, and workshop questions in preparation of the workshop meetings. Independent revision of the course material in preparation of the take-home assignment and the final exam.

MODULE NAME: Management Accounting

MODULE CODE: EC3052

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Explain the objectives and role of management accounting in the current business world

- Prepare budgets and analyse variances between budget and actual data

- Identify and describe alternative approaches to costing - marginal, total absorption and relevant costing

- Critically evaluate current trends in management accounting

- Discuss the importance of performance measurement and the role of performance management and control systems in organisations.

COORDINATOR: Linda Ralphs

TEACHING AND LEARNING METHODS:

The module will be delivered through a combination of lectures and seminars. During lectures students will be engaged in learning the core principles. These lectures are interactive with the preseen lecture slides allowing students to follow the calculations and to express their views on the merits and limitations of the models. Before seminars students will be asked to develop their own solutions to a problem set, then in class time students will be guided through an extended problem building on the knowledge gained. Seminars will provide a practice space for students to gain the essential problem-solving skills and gain formative feedback on their progression.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Mid-term test and final exam

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reviewing material in lecture notes, textbooks, and journal articles.

- Solving problem sets assigned by lecturer.

- Using spreadsheets to analyse financial data and preparing to discuss methods and present results during seminars.

MODULE NAME: Management Science

MODULE CODE: EC3057

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Generate mathematical models to solve management problems

- Apply standard management science modelling techniques to real business problems

- Discuss the costs and benefits of possible solutions to a range of management problems

- Written communication, Numeracy, Problem Solving, Decision Making, Business Awareness, Time Management

COORDINATOR: Nadia Zakir

TEACHING AND LEARNING METHODS:

Lectures and seminars

Independent research

Discussions hosted on VLE blackboard

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Examination (80%), coursework (20%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions

MODULE NAME: Development Economics

MODULE CODE: EC3061

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

• Identify the fundamental characteristics that cause significant differences in the level of economic development and prosperity among countries/regions.

• Demonstrate awareness on the economic, structural and demographic transformation that occur during the process of economic development.

• Explain and interpret differences in development-related indicators between different countries.

• Suggest appropriate policies targeted at promoting economic development, thus mitigating the inequalities between rich and poor nations.

COORDINATOR: Dimitrios Varvarigos

TEACHING AND LEARNING METHODS:

The module will be delivered through a combination of lectures and seminars. During lectures, students will become familiar with the empirical background and with appropriate economic theories, given that each topic is presented through a combination data and theoretical models. During seminars, students will have the opportunity to apply their knowledge to real world problems using actual data, and to expand the scope and application of the economic models which are analysed in lectures. Students will also have various opportunities to receive formative feedback (see the Assessment Methos section)

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Examination. - Formative feedback: (i) Students will have the opportunity to complete a mock final exam and receive feedback on their attempted answers. (ii) Students will attempt a set of electionic questions in each thematic topic; each answer will have

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from core reading list and other suggested learning resources.

- Preparation for tutorials/seminars (e.g. attempting solutions).

- Research on the identification of real-world events that relate to the module's content.

- Discussion with module leader during office hours, where students can also seek formative feedback on their work.

MODULE NAME: Econometrics III

MODULE CODE: EC3062

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of the module a typical student will be able to:

- Analyse a simple single-equation dynamic econometric model.

- Use an econometric package and be able to analyse non-stationary economic time series.

- Interpret and evaluate critically numerical results of econometric estimation.

COORDINATOR: Cheng Chou

TEACHING AND LEARNING METHODS:

Lectures, and Computer Classes, two seminars to provide guidance on the writing of the group project. And individual and group private study.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Coursework in the form of a Group Project (100%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Learning the material, familiarising themselves with econometric package, applying these two skills to the preparation of their group project, working as a group.

MODULE NAME: International Trade

MODULE CODE: EC3066

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of the module a typical student will be able to:

- Demonstrate knowledge of different aspects of the global economy, such as international trade, trade policy, economic geography, international factor movements, foreign direct investment, economic integration and international negotiations

- Apply this knowledge to analyse real economic events

- Evaluate different theories and policy options to assess the full impact of economic globalisation

COORDINATOR: Jingyi Mao

TEACHING AND LEARNING METHODS:

The module will be delivered through a combination of lectures and seminars. During lectures, students will become familiar with the core theories of international trade. Seminars will provide an opportunity to enhance understanding of the material covered in lectures. Seminar questions require critical evaluation of the models and identification of an appropriate framework to analyse a given economic event. Students will be encouraged to prepare answers prior to each seminar so that they can contribute to general discussion and receive formative feedback.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

By a one and half hour final examination (80%) and Blackboard test (written assignment, 20%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from core reading list and other suggested learning resources.

- Preparation for seminars (e.g. attempting solutions).

- Research (e.g., literature review).

- Discussion with module leader during office hours, where students can also seek formative feedback on their work.

MODULE NAME: Financial Derivatives

MODULE CODE: EC3070

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of the module a typical student will be able to:

Define the main financial derivatives.

Describe the most important markets and institutions involved.

Demonstrate an awareness of the principles of arbitrage, deltahedging and risk-neutral valuation.

Use binomial trees to price put- and call- options.

Use and critically evaluate the Black-Scholes-Merton model.

Understand the mechanisms of interest rate swaps.

COORDINATOR: Carlos Diaz Vela

TEACHING AND LEARNING METHODS:

The module will be delivered through a combination of lectures and seminars. During lectures students will be engaged in learning the core principles. These lectures are interactive with the preseen lecture slides allowing students to follow the calculations and to express their views on the merits and limitations of the models. Before seminars students will be asked to develop their own solutions to a problem set. During seminars, students will be guided through an extended problem building on the knowledge gained.

Seminars will provide a practice space for students to gain the essential problem-solving skills and gain formative feedback on their progression.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Mid-term test

Examination.

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from core reading list and other suggested learning resources.

- Preparation for seminars (e.g. attempting solutions)

- Discussion with module leader during office hours, where students can also seek formative feedback on their work.

MODULE NAME: Managerial Economics

MODULE CODE: EC3071

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Critically evaluate Coase's theorem and its limitations in the presence of private information and hidden actions.

- Analyse why and how a firm might give contracts to its employees/managers/salespeople in order to induce them to provide effort.

- Analyse why and how a firm might give contracts to its Chief Executive Officer (CEO) in order to induce him/her to provide effort and to invest in risky, but profitable projects.

- Analyse how its internal labour market can help a firm in screening its existing workers

- Explain how private information influences the debt versus equity trade-off.

- Discuss how contractual incompleteness (i.e. the fact that contracting parties cannot foresee all possible contingencies which may arise in the future) influences contractual arrangements in the venture capital industry.

- Demonstrate how verbal reasoning, elementary algebra, elementary calculus, and diagrammatic analysis can be used to inform decision making in simple contexts involving managerial decisions.

COORDINATOR: Subir Bose

TEACHING AND LEARNING METHODS:

Lectures; Seminars, Guided Independent Study; Mid-term Formative Assessment Exercise with detailed individual feedback and discussion.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

A one and a half hour examination (100%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Work on the assigned readings, seminar questions and problem sets, in preparation of the seminar meetings. Independent revision of the course material in preparation of the mid-term formative assessment exercise and the final exam.

MODULE NAME: Investment Management

MODULE CODE: EC3077

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Demonstrate knowledge of the functioning and structure of equity markets.

- Analyse and discuss the theory and the empirical evidence of equilibrium asset pricing models.

- Evaluate and interpret diversification and passive investment strategies.

- Demonstrate knowledge of active investment strategies and evaluate their performances.

- Demonstrate knowledge of the functioning of bond markets and the different instruments.

COORDINATOR: Haige Yuan

TEACHING AND LEARNING METHODS:

The module will be delivered through a combination of lectures and seminars. During lectures students will be engaged in learning the core principles. These lectures are interactive with the preseen lecture slides allowing students to follow the calculations and to express their views on the merits and limitations of the models. Before seminars students will be asked to develop their own solutions to a problem set, then in class time students will be guided through an extended problem building on the knowledge gained. Seminars will provide a practice space for students to gain the essential problem-solving skills and gain formative feedback on their progression.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Exam

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from core reading list and other suggested learning resources.

- Preparation for tutorials/seminars (e.g. attempting solutions).

- Discussion with module leader during office hours, where students can also seek formative feedback on their work.

MODULE NAME: Mathematical Finance

MODULE CODE: EC3081

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On successful completion of the module, students should be able to:

Demonstrate awareness of the main financial models and their underlying principles.

Combine quantitative techniques with appropriate statistical software in the process of financial analysis.

Demostrate awareness of the basic principles of stochastic calculus and partial differential equations.

Use formal frameworks to derive formulas for the pricing of financial derivatives, and to critically evaluate their underlying assumptions and limitations.

COORDINATOR: Carlos Diaz Vela

TEACHING AND LEARNING METHODS:

The module will comprise a combination of lectures and tutorials. Lectures will develop a variety of mathematical and quatitative methods that can be applied to the analysis and valuation of financial instruments. During this process, students will learn how to identify the characteristics that determine the value of financial instruments and interpret the results of both theoretical and empirical analyses. Tutorials will allow the discussion and solution of examples/exercises, based on the analytical tools developed in lectures. As students are expected to attempt the solutions of problem sets prior to each tutorial, they will be able to review their methods and results, discuss them with the module leader and receive formative feedback on their work. Students will also get supervision on their projects, as the module leader will offer advice and formative feedback on various aspects, such as design and implementation.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Coursework (20%) and Final Exam (80%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from core reading list and other suggested learning resources.

- Outline a project and obtain data as well as all other relevant information.

- Practice with the purpose of becoming familiar with statistical techniques and appropriate software.

- Extract meaningful interpretations from the empirical analysis that underlies the project.

- Discussion with module leader during office hours, where students can also seek formative feedback on their work.

MODULE NAME: Business Law for Accountants

MODULE CODE: EC3083

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

- Recognise when a legally binding contract exists and how it can be enforced

- Discuss the legal differences between different types of organisation and the implications for them of insolvency

- Critically evaluate the rights and duties of employers and employees

- Transferable skills: Written communication, Problem Solving, Decision Making, Business Awareness, Time Management

COORDINATOR: Jim O'Hare

TEACHING AND LEARNING METHODS:

Lectures and seminars, Independent research, Discussions hosted on VLE blackboard

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Two hour final examination (80%) and coursework (20%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions

MODULE NAME: Financial Reporting

MODULE CODE: EC3087

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 1

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Discuss the limitations of financial reporting

- Prepare the statement of cash flow in accordance with IFRSs and critically analyse the statement and standards applicable

- Prepare consolidated financial statements for business combinations in accordance with IFRSs and evaluate the standards applicable to reporting the results of groups of companies

- Critically review and evaluate the content of company annual reports and key current international accounting standards

COORDINATOR: Lynne Howey

TEACHING AND LEARNING METHODS:

Lectures and seminars, Independent research, Discussions hosted on VLE blackboard

PRE-REQUISITES: -

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

- Coursework (20%) and exam (80%)

- Reassesment Exam (100%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions

MODULE NAME: Macroeconomics

MODULE CODE: EC1001

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of the module a typical student will be able to:

- Evaluate the foundations of the behaviour of the national economy and the public policies that affect it

- Gain knowledge of the concepts of national accounting, GDP, inflation, unemployment, balance of payments, and economic growth.

- Gain knowledge of basic monetary and fiscal policy tools available to government authorities, as well as their likely consequences.

- Apply verbal reasoning, diagrammatic analysis and some techniques from elementary algebra and elementary calculus, to make deductions from simple macroeconomic problems.

COORDINATOR: Sara Lemos

TEACHING AND LEARNING METHODS:

Lectures will provide the platform for familiarising students with basic macroeconomic principles, as well as with the use of basic algebra, diagrams and deductive reasoning in the analysis of problems that are relevant to real-world international macroeconomic events. Seminars will offer the opportunity to apply these techniques to a variety of exercises. Students will be expected to attempt these exercises beforehand, thus facilitating them in enhancing their problem-solving skills and gaining formative feedback on their work.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Two hour final exam (100%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from core reading list and other suggested learning resources.

- Preparation for tutorials (e.g. attempting solutions).

- Discussion with module leader during office hours, where students can also seek formative feedback on their work.

MODULE NAME: Maths for Economics II

MODULE CODE: EC1008

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On completion of this module typical students will:

- Be able to define mathematical terminology and concepts commonly used in a modern Economics degree.

- Be able to define first-order differential equations.

- Be able to demonstrate how economic functions are expressed in mathematical terms.

- Be able to solve simple Economics problems involving algebra and calculus such as; solving simultaneous equations using matrix algebra tools, finding constrained and unconstrained optima, interpreting first and second order conditions, applying simple integration techniques, applying simple financial mathematics techniques.

COORDINATOR: R Emre Aytimur

TEACHING AND LEARNING METHODS:

Lectures (20 hours), problem-solving tutorials (18 hours). The two hour tutorial sessions are designed to provide ample time for interactive discussions on the problems prepared and presented by students under the guidance of a tutor.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Coursework (20%) and an exam (80%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Preparing for tutorials by trying to solve problem sets before sessions so that students can receive feedback on their attempts and clarify any questions raised by those problem sets.

Independent revision of the course material in preparation of the coursework and the final exam.

MODULE NAME: Statistics for Economists II

MODULE CODE: EC1009

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

- Demonstrate knowledge of the techniques of statistical estimation, hypothesis testing (for means, proportions, variances), analysis of variance and nonparametric testing.

- Apply these techniques to the analysis of data

- Use IT for the manipulation, presentation, and analysis of data

- Write-up the results of a data-analysis report

COORDINATOR: Emma Manifold

TEACHING AND LEARNING METHODS:

Lectures (20 hours), computer classes (10 hours over 5 classes), seminars (5 hours).

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Coursework and two hour final Examination

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Preparing for tutorials by trying to solve problem sets before sessions so that students can receive feedback on their attempts and clarify any questions raised by those problem sets. Prepare the data used for the coursework report, and perform the required analysis.

MODULE NAME: Statistical Inference

MODULE CODE: EC1012

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On completion of this module, the typical student should be able:

- to use the concepts of a random sample and random variables and be able to show the various steps involved in the derivation of the sampling distribution of the sample mean to make inferences about the population;

- to use statistical tables relating to the Normal, Chi-squared, F- and t-distributions and be able to explain the role of the Central Limit Theorem in statistical decision making;

- to describe the concept of point and interval estimators and the various statistical properties to evaluate the appropriateness of estimators in given situations;

- to be aware of alternative methods of finding estimators and will be able to derive estimators such as maximum likelihood estimators;

- to construct and interpret appropriate confidence intervals and conduct the relevant statistical hypotheses tests for: means, variances, difference between two and more means and the ratio of two variances;

- to undertake correlation and simple regression analysis; and make appropriate statistical inferences using hypothesis tests and Goodness of Fit measures;

COORDINATOR: Jingyi Mao

TEACHING AND LEARNING METHODS:

Lectures (20 hours), problem-solving classes (15 hours). The module will be assessed by Coursework (20%) and a problem-based exam (80%). Students will use data and statistical packages, either Excel or STATA, for the manipulation, presentation, and analysis of data.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Coursework (20%), Exam (80%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Preparing for tutorials by trying to solve problem sets before sessions so that students can receive feedback on their attempts and clarify any questions raised by those problem sets. This module will develop particular skills including the ability to analyse, interpret, synthesise and present statistical information.

MODULE NAME: Linear Algebra

MODULE CODE: EC1014

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, a student should be able to:

- Analyse systems of linear equations

- Apply the algebra of vectors and matrices

- Invert matrices

- Calculate determinants

- Test for definiteness of quadratic forms

- Solve general optimisation problems

COORDINATOR: Efthymia Argyraki

TEACHING AND LEARNING METHODS:

Lectures (20 hours), directed reading, problem solving classes (9 hours). The module will be assessed by a two-hour final examination (80%) and a midterm test (20%).

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

By a two-hour final examination (80%) and a midterm test (20%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Preparing for tutorials by trying to solve problem sets before sessions so that students can receive feedback on their attempts and clarify any questions raised by those problem sets.

MODULE NAME: Topics in Applied Econometrics

MODULE CODE: EC2011

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

- Propose economic questions that are interesting or policy relevant and empirically testable.

- Collect data from major economic survey data set and clean/manage a big data set.

- Doing econometrics analysis with the awareness of the limitation of the used econometrics method.

- Integrate econometrics results with economics discussions, and support economic arguments with empirical finding.

- Reflect on and articulate motivations, strengths, and skills in relation to a future, work related learning opportunity (e.g. placements, internships, employer lead projects).

COORDINATOR: Cheng Chou

TEACHING AND LEARNING METHODS:

The teaching consists of lectures and computer sessions. The lectures present econometrics tools with the focus on their applications in the real survey data and their policy relevance. In the computer sessions, we show students how to estimate and conduct statistic inference about how a worker's education, working experience and other demographic factors affect his/her earnings. Through the sequence of computer sessions, we teach students how to find variables and extract data from several major economic surveys, including the Current Population Survey (CPS) of the U.S. and the Labour Force Survey (LFS) of the U.K. Moreover, in each session, we bring new econometrics elements into the analysis of earnings equation to show the limitation of the previous analysis and advantage of new tools.

Learning methods. For the lectures, students mainly learn by reading the assigned textbook and by attending lectures. This contributes to their econometrics theory and understanding of empirical economic studies. By attending computer sessions and working on empirical final group project, students learn the econometrics practice, team work and critical thinking. The econometrics practice includes how to clean and manage big data, to organize a small to medium size empirical project and to draft a formal report.

PRE-REQUISITES: EC2010

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

5%: One cover letter summarizing group work

15%: One detailed proposal of group work

75%: One research paper about group project

5%: CV

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

This module is assessed by a final group project. Each group is about 5 students. The workflow of the project is the following. (1) Students working as a group propose certain topics, such as how immigration affects local residents' employment opportunities or how to explain the evolution of earnings gap in gender in the past decade. (2) Students talk to the instructor to check whether or not the proposed questions are relevant and feasible and which data set they should consider. (3) Students refine their topics based on the instructor's feedback and the data availability. (4) Students talk to the instructor for further comment. (5) Students submit a proposal of their project listing their topics, summary statistics of key variables, and tentative econometrics models. (6) The instructor sends feedback about the proposals. (7) Students work on the project together and submit their work by the end of the semester.

MODULE NAME: Econometrics II

MODULE CODE: EC2019

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

Upon completion a typical students will be able to:

- Propose economic questions that are interesting or policy relevant and empirically testable.

- Collect data from major economic survey data set and clean/manage a big data set.

- Demonstrate the use of intermediate econometric analysis (panel data, IV, etc.) with the awareness of the limitation of the used econometrics method.

- Integrate econometrics results with economics discussions, and support economic arguments with empirical finding.

- Reflect on and articulate motivations, strengths, and skills in relation to a future, work related learning opportunity (e.g. placements, internships, employer lead projects).

COORDINATOR: Emi Mise

TEACHING AND LEARNING METHODS:

The teaching consists of weekly lectures, 8 computer sessions and 5 seminars. The lectures present econometrics tools with the focus on their applications in the real survey data and their policy relevance. In the computer sessions, we show students how to estimate and conduct statistic inference about how a worker's education, working experience and other demographic factors affect his/her earnings. Through the sequence of computer sessions, we teach students how to find variables and extract data from several

major economic surveys, including the Current Population Survey (CPS) of the U.S. and the Labour Force Survey (LFS) of the U.K. Moreover, in each session, we bring new econometrics elements into the analysis of earnings equation to show the limitation of the previous analysis and advantage of new tools. Seminars will be used to provide feedback to student teams on their term project and ensure they are meeting key project milestones. Student-teams will be expected to provide mini-presnetations of their progress

during the seminar. These presentation will cummulatively consititute 10 percent of their overall project grade.

Learning methods. For the lectures, students mainly learn by reading the assigned textbook and by attending lectures. This contributes to their econometrics theory and understanding of empirical economic studies. By attending computer sessions and working on empirical final group project, students learn the econometrics practice, team work and critical thinking. The econometrics practice includes how to clean and manage big data, to organize a small to medium size empirical project and to draft a formal report.

report.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Group project, Leicester Gold Award assignment, Exam

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

This module is assessed by a final group project. Group size will be a maximum of 5 students. The workflow of the project is the following. (1) Students working as a group propose certain topics, such as how immigration affects local residents' employment opportunities or how to explain the evolution of earnings gap in gender in the past decade. (2) Students talk to the instructor to check whether or not the proposed questions are relevant and feasible and which data set they should consider. (3) Students refine their topics based on the instructor's feedback and the data availability. (4) Students talk to the instructor for further comment. (5) Students submit a proposal of their project listing their topics, summary statistics of key variables, and tentative econometrics models. (6) The instructor sends feedback about the proposals. (7) Groups must provide 5-10 minute seminar presentations of the following key stages: i) Topic selection, ii) Data source, iii) Econometric strategy, iv) Summary statistics, v) Final results. (7) Students work on the project together and submit their work by the end of the semester.

Prepare the problems for the tutorial sessions.

General revision for the final exam.

MODULE NAME: Principles of Finance

MODULE CODE: EC2022

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

Demonstrate awareness of project appraisal.

Explain and discuss efficiency in financial markets.

Demonstrate awareness of basic principles and concepts of finance.

COORDINATOR: Zhiyong Li

TEACHING AND LEARNING METHODS:

During lectures, the module leader will develop a variety of theoretical frameworks, demonstrate the mathematical tools for their analysis, and discuss their potential implications from a practical point of view. Seminars will complement this process through the application of the theoretical frameworks to specific examples and to the solution of a variety of exercises. As students are expected to attempt the solutions of these exercises prior to each seminar, they will have the opportunity to discuss their approach and, as a

result, receive formative feedback on their work.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

A mid-term test and final exam (2 hours).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Working through the material covered in lectures.

- Reading from suggested learning resources and material (e.g., handouts, core textbook).

- Attempting problem sets before they are discussed in seminars, and reviewing them afterwards.

- Discussion with module leader during office hours, where students may seek formative feedback on their work.

MODULE NAME: Economic History

MODULE CODE: EC2034

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a typical student should be able to:

Describe the major economic and financial events since World War 1.

Critically assess contemporary policy responses and institutional framework using economic analysis.

Discuss the contribution of economists to comtemporary events.

Analyse contemporary data in its historical context.

Evaluate economic theories in the light of historical evidence.

COORDINATOR: Giuseppe De Feo

TEACHING AND LEARNING METHODS:

The module will be delivered through a combination of lectures and seminars. During lectures, students will become familiar with the historical background and with the views of economists, different social and economic groups and policy makers. Students will also be exposed to the changing views of these groups as events unfolded and economic thinking evolved. Seminars will be even more interactive as specific tasks and problems will give students the opportunity to reflect on the lecture material and assess the historical interpretation of major economic events, as well as the relative merits and limitations of competing views and theories that have been put forward to explain them.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Coursework

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from suggested learning resources.

- Preparation of specific material (e.g., questions, tasks) prior to seminars.

- Independent research (e.g., literature review).

- Discussion with module leader during office hours, where students can also get some formative feedback on their work.

MODULE NAME: Principles of Personal Taxation

MODULE CODE: EC2083

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

Prepare tax computations and returns for individuals who are employed and/or receive investment income.

Identify and describe valid alternative tax strategies available to individuals.

Critically evaluate the legal and ethical implications of a range of taxation strategies.

COORDINATOR: Lynne Howey

TEACHING AND LEARNING METHODS:

Lectures and seminars, Independent research, Discussions hosted on VLE blackboard.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Examination - 80%

Test - 20%

Resit- Exam - 100%

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions

MODULE NAME: Audit and Assurance

MODULE CODE: EC2084

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On successful completion of the module, students should be able to:

- Explain the concepts of audit, assurance and ethics.

- Describe, identify and evaluate internal control techniques.

- Explain the work and evidence obtained by an auditor to meet the obligations of International Standards on Auditing.

- Explain the increasing need for and importance of professional ethics and social responsibility within the business environment.

- Assess the importance of an audit report and the audit process

COORDINATOR: Linda Ralphs

TEACHING AND LEARNING METHODS:

The module will be delivered through a combination of lectures and seminars. During lectures, students will be engaged in learning the core principles. These lectures are interactive with the preseen lecture slides, allowing students to follow the calculations and to express their views on the merits and limitations of the models.

Before seminars, students will be asked to develop thier own solutions to a problem set, then in class time, students will be guided through an extended problem building on the knowledge gained. Seminars will provide a practice space for students to gain the essential problem-solving skills and gain formative feedback on their progression.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Exam - 80%

Test - 20%

Resit- Exam - 100%

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Students are required to read the relevant chapters in the core text at the end of each lecture. To prepare for the seminars by attempting to solve the problem set before attending class. To revise and prepare for the midterm class test.

MODULE NAME: Principles of Business Taxation

MODULE CODE: EC2085

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Explain the objectives of different, current taxes and the legal and ethical impact on businesses.

- Prepare tax computations and returns for individuals who are self-employed and companies, in particular: - Income tax and national insurance contributions paid in relation to self-employment income - Corporation tax and reliefs applicable to companies - Value added tax applicable to registered businesses. Identify and describe alternative strategies available to taxpayers.

- Identify and evaluate alternative strategies available to companies and the ethical implications of adopting them.

COORDINATOR: Lynne Howey

TEACHING AND LEARNING METHODS:

Lectures and seminars, guided independent study

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Test - 20%

Examination - 80%

Resit - Exam (100%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions

MODULE NAME: Economics of Education

MODULE CODE: EC3044

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

On successful completion of this module a student will be able to:

1. Describe the skill formation process and discuss the role of peer, home, school and early-life inputs in the production of education.

2. Explain and discuss the Human Capital and Signalling theories of education investment, their key assumptions, policy implications and limitations and the related empirical evidence, including that on returns to education.

3. Explain the workings of primary and secondary school markets, describe the key interactions between private and public (state) schools, and discuss recent research on the impact of school choice policies on achievement and equality of opportunity.

4. Discuss the key aspects to be considered in the design of higher education and student finance policies and their contribution to equity and efficiency goals.

5. Identify and explain the links between education policy and the reproduction of inequality across generations and discuss its potential and limitations to provide equality of opportunity using cutting-edge research.

COORDINATOR: Francisco Martinez Mora

TEACHING AND LEARNING METHODS:

The teaching and learning methods for this module comprise a combination of lectures and seminars. Within lectures the module leaders will cover core theory and empirical research. Seminars will be interactive, requiring students to engage in a range of activities, including preparing and discussing preset questions, and debating key issues of education policy. Many of the seminar activities will be closely aligned to the assessment tasks and will give key guidance regarding completing it. Students will also have various opportunities to receive formative feedback.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Written Assignment (100%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

A final assignment with essay type questions to complete at the end of the module. Students will be given opportunities to submit attempts at similar questions to the ones likely to be covered in the final assignment during the semester and will receive feedback on them enabling them to better prepare for the final task.

MODULE NAME: Management Science

MODULE CODE: EC3057

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Generate mathematical models to solve management problems

- Apply standard management science modelling techniques to real business problems

- Discuss the costs and benefits of possible solutions to a range of management problems

- Written communication, Numeracy, Problem Solving, Decision Making, Business Awareness, Time Management

COORDINATOR: Nadia Zakir

TEACHING AND LEARNING METHODS:

Lectures and seminars

Independent research

Discussions hosted on VLE blackboard

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Examination (80%), coursework (20%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions

MODULE NAME: Corporate Finance

MODULE CODE: EC3058

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

After successfully completing this module, students should be able to:

- Distinguish between different types of financial markets and discuss their role;

- Apply the most appropriate techniques to evaluate financial assets and investment projects;

- Discuss and compare the role of different sources of external finance and assess their appropriateness.

- Develop the ability to identify and discuss financial issues through the use of analytical tools from economic theory.

- Apply economic theory to explain how informational frictions shape corporate decisions.

COORDINATOR: Fabrizio Adriani

TEACHING AND LEARNING METHODS:

Lectures will serve as the platform for developing the theoretical backdrop on issues relating to modern finance and its implications for corporate decision-making. The application of various theories to specific exercises and problems will take place mainly through tutorials. Students will be encouraged to attempt the solutions of these exercises and discuss their approach during tutorials, thus receiving formative feedback on their work.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

A one and half hour final examination (70%), and an on-line test (30%)

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reviewing material in lecture notes, textbooks, and journal articles.

- Solving problem sets assigned by lecturer.

- Using spreadsheets to analyse financial data and preparing to discuss methods and present results during seminars.

MODULE NAME: International Finance

MODULE CODE: EC3067

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

Demonstrate awareness of the issues facing open economies including functions and policies of the international financial institutions and exchange rate arrangements.

Identify the elements of the Balance of Payments and discuss the effects of exchange rate movements on the current account.

Assess the strengths and weaknesses of different models of exchange rate determination and discuss the effects of monetary policy on exchange rates.

Use different models to explain the impact of economic policies in open economies assessing how the choice of exchange rate regime would affect the effectiveness of different policies.

Demonstrate an ability to approach economic problems using formal analytical tools, and to explain the rationale for using these tools, thus enhancing numeracy, literacy and problem-solving skills.

COORDINATOR: Tania Oliveira

TEACHING AND LEARNING METHODS:

The teaching and learning methods for this module comprise a combination of lectures and seminars. Within lectures the module leader will cover core theory and empirical research, as well as using case studies to illustrate applications. Seminars will be interactive, requiring students to engage in a range of activities, including preparing and discussing preset questions, and debating key issues of international economics. Many of the seminar activities will be closely aligned to the assessment tasks and will give key guidance regarding completing the coursework.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Coursework and examination

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading core textbooks and other sources recommended by the module leader or found independently.

- Attempting to address specific questions (either individually or in groups), as well as presenting and discussing the results during seminars.

- Providing the module leader with sketched answers for formative feedback during office hours.

MODULE NAME: Accounting

MODULE CODE: EC3076

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Describe the information needed by preparers and users of financial statements, apply the essential concepts that underlie the practice of financial accounting.

- Record transactions using double entry bookkeeping.

- Account for non-current assets and inventories, account for accruals, prepayments and irrecoverable and impaired debts.

- Prepare financial statements of a sole trader from incomplete records. Prepare financial statements for, and describe the legal differences between, partnerships and Ltd companies.

- Interpret the contents of company annual reports. Measure company performances using ratio analysis and cash flow statements.

COORDINATOR: Lynne Howey

TEACHING AND LEARNING METHODS:

Lectures (20 hours), seminars (5 hours), independent research.The module will be assessed by a two hour examination (80%), coursework (20% - 2 parts equally weighted at 10% each).

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Two hour examination (80%), coursework (20% - 2 parts equally weighted at 10% each).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions

MODULE NAME: Investment Management

MODULE CODE: EC3077

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Demonstrate knowledge of the functioning and structure of equity markets.

- Analyse and discuss the theory and the empirical evidence of equilibrium asset pricing models.

- Evaluate and interpret diversification and passive investment strategies.

- Demonstrate knowledge of active investment strategies and evaluate their performances.

- Demonstrate knowledge of the functioning of bond markets and the different instruments.

COORDINATOR: Haige Yuan

TEACHING AND LEARNING METHODS:

The module will be delivered through a combination of lectures and seminars. During lectures students will be engaged in learning the core principles. These lectures are interactive with the preseen lecture slides allowing students to follow the calculations and to express their views on the merits and limitations of the models. Before seminars students will be asked to develop their own solutions to a problem set, then in class time students will be guided through an extended problem building on the knowledge gained. Seminars will provide a practice space for students to gain the essential problem-solving skills and gain formative feedback on their progression.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Exam

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

- Reading from core reading list and other suggested learning resources.

- Preparation for tutorials/seminars (e.g. attempting solutions).

- Discussion with module leader during office hours, where students can also seek formative feedback on their work.

MODULE NAME: Public Economics

MODULE CODE: EC3080

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, students are expected to be able to explain the relevance of public and political institutions for the economy, the organization and structure of these institutions, and the effect of their intervention on economic and social outcomes.

COORDINATOR: Matthias Dahm

TEACHING AND LEARNING METHODS:

Lectures; Seminars, Guided Independent Study.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

By written examination (70%) and a test (30%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Work on the assigned readings, workshop questions and problem sets, in preparation of the seminar meetings. Independent revision of the course material in preparation for the mid-term test and final exam.

MODULE NAME: Economics of Health

MODULE CODE: EC3082

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

This module will provide students with an opportunity to develop their understanding of how to apply theories of economics in practice, focusing on issues regarding the provision of and demand for health.

Upon completion of this module, a typical student will be able to:

- Describe methods for measuring "health" and the implications for economic policies.

- Demonstrate the use of canonical models of health supply and demand.

- Define moral hazard and adverse selection and describe their implications for the provision of health insurance.

- Use economic theory to analyse health policy prescriptions in popular literature.

- Read and critique academic literature on the economics of health.

- Outline common issues in the measurement of the relationship between health status and labour market or socio-economic status outcomes.

COORDINATOR: Asako Ohinata

TEACHING AND LEARNING METHODS:

This module will provide students with an opportunity to develop their understanding of how to apply theories of economics in practice, focusing on issues regarding the provision of and demand for health. Topics covered in this module include: An Introduction to Health Economics, Health Care Markets, Health Insurance, Economic Evaluation of Health Care: Measuring the Effectiveness of Health Care, Health Behaviours. It will be delivered in 20 hours of lectures and 5 hours of seminars. The assessment elements are: Coursework (20%) and a two-hour written examination (80%). The 20% coursework is made up of two parts. The first part involves reading and discussing the contents of a published paper (worth half of the total coursework mark). The second part is an essay limited to no more than 2000 words.

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Coursework (20%) and a two-hour written examination (80%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Independent reading of suggested articles as well as independent search for other sources that contribute to the debates covered by the module contents.

MODULE NAME: Audit and Assurance

MODULE CODE: EC3084

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Explain the concepts of audit, assurance and ethics

- Describe, identify and evaluate internal control techniques

- Explain the work and evidence obtained by an auditor to meet the obligations of International Standards on Auditing

- Explain the increasing need for and importance of professional ethics and social responsibility within the business environment

- Assess the importance of an audit report and the audit process

COORDINATOR: Linda Ralphs

TEACHING AND LEARNING METHODS:

The Module will be delivered through a combination of lectures and seminars. During lectures students will be engaged in learning the core principles. These lectures are interactive with the preseen lecture slides allowing students to follow the calculations and to express their views on the merits and limitations of the models.

Before seminars students will be asked to develop their own solutions to a problem set, then in class time students will be guided through an extended problem building on the knowledge gained. Seminars will provide a practice space for students to gain the essential problem-solving skills and gain formative feedback on their progression

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Test and Exam

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Students are required to read the relevant chapters in the core text at the end of each lecture.To prepare for the seminars by attempting to solve the problem set before attending class. To Revise and prepare for the midterm class test.

MODULE NAME: Principles of Business Taxation

MODULE CODE: EC3085

MODULE DESCRIPTION: [Click to open.](#)

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

At the end of this module, typical students should be able to:

- Prepare tax computations and returns for individuals who are self- employed and companies, in particular:– Income tax and national insurance contributions paid in relation to self-employment income– Corporation tax and reliefs applicable to companies– Value added tax applicable to registered businesses

• Identify and describe alternative strategies available to taxpayers

- Identify and describe alternative tax strategies available to self-employed individuals and companies

- Critically evaluate the legal and ethical implications of a range of taxation strategies

- Transferable skills: Written communication, Numeracy, Problem Solving, Decision Making, Business Awareness, Time Management

COORDINATOR: Lynne Howey

TEACHING AND LEARNING METHODS:

Lectures and seminars, and guided independent study.

PRE-REQUISITES: -

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

as above

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Relevant reading and practice numerical questions

MODULE NAME: Behavioural Economics

MODULE CODE: EC3089

MODULE DESCRIPTION: Click to open.

CREDITS: 15

PERIOD: Semester 2

DEPARTMENT: Economics

INTENDED LEARNING OUTCOMES:

By the end of this module, a student should be able to:

-Assess and discuss the empirical evidence from generic situations of risk and uncertainty. Examine and analyse alternative behavioural decision theories of risk and uncertainty such as prospect theory and rank dependent utility. To be followed by a discussion of select applications of behavioural decision theories.

- Assess and discuss the empirical evidence for social preferences arising from experimental games such as the ultimatum game, trust game and the public goods game. To be followed by a discussion and critique of theoretical models of social preferences such as the Fehr-Schmidt model and select applications.

- Discuss and analyse the evidence on alternative models of time preference. To be followed by a discussion of alternative models of behavioural time discounting such as the hyperbolic discounting model and select applications.

- Assess and discuss the evidence from human behaviour in strategic situations. To be followed by a discussion of select behavioural game theory models such as level-k models and their applications.

- Discuss selected evidence and models of bounded rationality and mental accounting.

COORDINATOR: Sanjit Dhami

TEACHING AND LEARNING METHODS:

Lectures and seminars. Seminars will provide a practice space for students to gain the essential problem-solving skills and gain formative feedback on their progression

PRE-REQUISITES:

TOTAL MODULE HOURS: 150

ASSESSMENT METHODS:

Final exam (100%).

GUIDED INDEPENDENT LEARNING: INDICATIVE ACTIVITIES:

Students will be given an opportunity to practice with exam-like questions using the mock exam, problem sets, and solving past exam papers. There will be a opportunity to get feedback on these questions.