

College of Accountancy, Finance and Economics

Academic Year 2023/24 - Semester 2

<u>Please note</u>: although we will try our best to avoid it, there may be timetable clashes when choosing modules across different levels and different courses (so you might have to choose alternative modules).

Click on the module name to see the module specification.

Module Code	Name	Level Code	BCU Module Credits	ECTS
ACC4029	Introduction to Management Accounting	4	20	10
ACC4033	Introduction to Financial Accounting	4	20	10
ACC4034	Finance for Managers	4	20	10
ACC5037	Business Operations	5	20	10
ACC5039	Accounting for Business	5	20	10
ACC5042	Accounting for Islamic Financial Institutions	5	20	10
ACC5044	Business Technology and the Finance Function	5	20	10
ACC6038	Principles of Not for Profit Accounting and Governance	6	20	10
ACC6039	Empowering Future Leaders	6	20	10
FIN4010	Quantitative Methods of Finance	4	20	10
FIN5020	Risk Management	5	20	10
FIN5022	Financial Modelling	5	20	10
FIN5024	Islamic Economics	5	20	10
FIN5026	Personal Wealth Planning and Management	5	20	10
FIN6028	Financial Derivatives	6	20	10
FIN6030	Investment and Portfolio Management	6	20	10
FIN6033	Alternative Investment	6	20	10
FIN6035	Fintech	6	20	10
FIN6036	Islamic Banking and Capital Markets	6	20	10
FIN6040	Corporate Financial Strategy	6	20	10
QME4017	Economic Analysis	4	20	10
QME4020	Applied Economics	4	20	10
QME5023	Econometrics	5	20	10
QME5024	Intermediate Macroeconomics	5	20	10
QME6039	Labour Economics	6	20	10
QME6041	Industrial Economics	6	20	10
QME6043	Money, Banking and Monetary Policy	6	20	10
QME6044	Advanced Econometrics	6	20	10
QME6045	Real Estate Economics and Financial Bubbles	6	20	10



1	Module Title	Introduction to Management Accounting
2	Module Credits	20
3	Module Level	4
4	Module Code	ACC4029

5 Module Overview

This module is designed to develop your fundamental knowledge and understanding of management accounting techniques. It will introduce you to the use of these accounting techniques to support management in their planning, controlling and decision making processes, both within industry and the service sector.

The module will give you an understanding of how costs behave; why cost behaviour is vital within the decision making process, it will consider how costs are included in the preparation of job cards and the calculation of selling prices. You will be introduced to make or buy and other short term decisions using appropriate techniques

In order to assess and demonstrate the knowledge you have developed on this module, you will be required to undertake coursework, an in-person assessment based upon a case study and an examination.

The overall assessment strategy fits with that of the programme in ensuring you are given a balance between the examinations required to secure professional accreditation and assignments required to develop your transferrable skills.

6 Indicative Content

This module will comprise of the following indicative content:

- Cost Classification
- Cost Behaviour
- Inventory valuation
- Inventory Control
- Labour Costs
- Overheads and the calculation of overhead absorption rates
- Profit calculations with mark up and margin
- Absorption Costing and Marginal Costing Statements
- Marginal Costing in Decision Making
- Make or Buy Decisions
- Break-even Analysis Single and Multiple Product

7	Module Learning Outcomes On successful completion of the module, students will be able to:	
	1	Explain and apply a range of different cost accounting techniques.
	2	Demonstrate the use of appropriate techniques for short-term decision making.
	3	Interpret and present information in a range of forms to allow for informed decision making.



8 Module As	Module Assessment			
Learning				
Outcome				
	Coursework	Exam	In-Person	
1 - 2	X			
1 - 2		X		
3			X	

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



Module Summary Information

1	Module Title	Introduction to Financial Accounting
2	Module Credits	20
3	Module Level	4
4	Module Code	ACC4033

5 Module Overview

This module introduces the preparation of financial statements for a sole trader and develops the financial statements for a simple limited company.

This module covers in depth the recording, processing and reporting of business transactions and events and will help you develop knowledge and understanding of the underlying principles and concepts relating to financial accounting and give you the opportunity to learn and use the system of double entry.

You will understand concepts of depreciation and disposals of assets, irrecoverable debts and provisions and accruals/prepayments.

The examination supports the achievement of exemptions from the professional bodies including ACCA, CIMA, CIPFA and ICAEW.

6 Indicative Content

The module will introduce financial accounting and double entry concepts for a sole trader and limited company and may include adjustments to financial statements of:

- non-current assets purchases and disposals,
- depreciation of non-current assets,
- irrecoverable debts and provisions,
- inventory,
- Accruals and prepayments.

7	Module Learning Outcomes On successful completion of the module, students will be able to:	
	1	Explain the purpose of financial accounting and accounting concepts.
	2	Demonstrate the ability to use double entry to record transactions.
	3	Using relevant accounting concepts including prepayments, accruals and depreciation, irrecoverable debts and allowance, inventory to prepare calculations, double entry and financial statements.
	4	Prepare simple financial statements for sole trader and limited companies.



8 Module As	Module Assessment			
Learning	Learning			
Outcome				
	Coursework	Exam	In-Person	
1 - 4	x			
1 - 4		X		

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



Module Summary Information

1	Module Title	Finance for Managers
2	Module Credits	20
3	Module Level	4
4	Module Code	ACC4034

5 Module Overview

This module will provide a gentle introduction to the world of accounting and finance for business managers of the future and is designed for those new to accounting or those studying on non-accounting related degree programmes.

You will explore key areas of accounting including gaining an appreciation for how basic financial statements are prepared and how you can assess both the financial performance and financial position of a business.

You will also gain an insight into the preparation of budgets and an appreciation for how profit is affected by changes in selling prices, costs or the volumes of products or services sold.

A workshop style will be adopted for delivery of the module enabling you to get hands-on with a wide range of exercises with support from your tutor and your peers.

The module will be assessed by a series of short online tests and a time constrained assessment (TCA) taking place at the end of the semester

6 Indicative Content

Introduction to Financial Accounting, Management Accounting and Ratio Analysis in a business context.

7	Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Create basic extracts from financial statements.	
	2	2 Calculate ratios based on financial statements.	
	3	Prepare basic budgets based on standard cost calculation and calculate	
	expected profit		
	4	Calculate contribution and perform breakeven analysis	



8 Mo	Module Assessment			
Learning Outcome				
		Coursework	Exam	In-Person
1,2,3,4		X		

9 Breakdown Learning a	nd Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



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Module Summary Information

1	Module Title	Business Operations
2	Module Credits	20
3	Module Level	5
4	Module Code	ACC5037

5 Module Overview

This module focuses on the tools and techniques used by Operation Managers within service, manufacturing, private and public sector institutions to ensure activities are aligned with corporate and market objectives. The module requires you to apply a range of operations management tools and techniques to given scenarios in order to produce a range of verbal, written and numerical solutions focussed on the efficiency, effectiveness and economy of an operation's processes.

You will develop an understanding and application of operations management techniques which are employed both domestically and internationally. The module will give you a range of employability skills, including: classifying and summarising written and numerical data; identifying and evaluating options; presentational skills; accepting responsibility and setting deadlines both individually and within a team; delegating tasks where required.

The module creates an understanding of contemporary operational issues, through the use of case studies, worked examples and through site visits. Site visits are a vital part of the module and form the context for the final assessment. A field trip to view an operation from the input stage through to its output stage will be provided midway through the module.

To support your learning, you will have access to a fully developed virtual learning site, where you will be able to access learning materials, case studies, practice questions and other relevant learning materials.

- The Role of Operations
- Operation Strategy
- Quality
- Lean Management
- Sustainability
- Capacity Management
- Queuing theory
- Supply Chain Management
- Inventory Management

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7	M	odule Learning Outcomes
	0	n successful completion of the module, students will be able to:
	1	Demonstrate and evaluate the role and contribution of the operations function in modern businesses.
	2	Demonstrate an understanding of the theories, concepts and practices that underpin business operations
	3	Apply and evaluate theoretical principles, tools and concepts to business operation problems to deliver solutions.

8	Module Assessment			
Learn	Learning			
Outco	ome			
		Coursework	Exam	In-Person
1				X
2, 3.		Х		

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



Module Summary Information

1	Module Title	Accounting for Business
2	Module Credits	20
3	Module Level	5
4	Module Code	ACC5039

5 Module Overview

This module will introduce you to the language spoken by accounting professionals.

You will gain an understanding of how financial statements are prepared. This is key to being able to interpret the financial position and performance of companies using ratio analysis.

This module will also give an insight into how standard costs are developed for products and services and how they are key to the budgeting process.

It will also show how they enable a company to set selling prices to achieve target profits and introduce the concepts of profit mark-up and profit margin.

The importance of cash flow to an organisation will also be emphasised and you will learn how to prepare a cash budget.

Methods such as limiting factor analysis and marginal costing will be used to show how managers decide in the short term what to produce and sell when resources are limited or whether to discontinue a product or service that appears to be loss-making.

An introduction to break-even analysis and capital investment appraisal will also show how long-term management decisions such as the launch of a new product or service can be supported by an accounting professional.

6	Indicative Content
•	Introduction to financial accounting including the statement of financial position and income statement.
•	Introduction to management accounting including budgeting, break even analysis and capital
	investment appraisal and introduction to ratio analysis in a business context.



7	M	Iodule Learning Outcomes		
	0	n successful completion of the module, students will be able to:		
	1	Prepare financial statement extracts.		
	2	Analyse financial statements to interpret financial position and performance.		
	3	Use management accounting methods to aid short-term decision making.		
	4	Use management accounting methods to aid long-term decision making.		

8	Module Assessment				
Learn	earning				
Outco	ome				
		Coursework	Exam	In-Person	
1-4		Х			

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



1	Module Title	Accounting for Islamic Financial Institutions
2	Module Credits	20
3	Module Level	5
4	Module Code	ACC5042

5 Module Overview

Within Islamic Finance, the purpose of financial reporting is re-examined in the light of ensuring that it addresses user information needs, and ensuring that all financial activities of Islamic financial Institutions (IFIs) are not only commercially viable but also Sharia compliant. As a core module at Level 5 and having studied the Principles of Islamic Finance module in Semester 1, you will then build on that knowledge to explore the different ways that Islamic financial institutions account and report their financial information.

The framework of financial reporting for Islamic Financial institutions with regards to their published accounts will be examined. The module will explore the reporting requirements for equity investment accounts and profit distribution policy for different products and services. As part of the learning experience, you will be expected to conduct research with real data from Islamic Banks or Islamic Micro finance institutions to understand the practical working of this module.

The Accounting and Auditing Organisation for Islamic Financial Institutions is an Islamic International autonomous not-for–profit corporate body that prepares accounting auditing, governance, ethics and Sharia standards for the Islamic financial institutions and the industry. The module aims to provide an overview of the accounting treatments and disclosures of various Islamic financing activities. It critically examines the role of regional and international standard setting bodies, (e.g. Accounting and Auditing Organization of Islamic Financial Institutions (AAOIFI).

The module helps in gaining key skills including the ability to critically evaluate the principles underpinning the Islamic accounting framework; the ability to identify the accounting treatments and reporting requirements of various Islamic financing activities; the ability to analyse the financial performance of Islamic Financial Institutions. Independent learning in analysing and critiquing existing scholarship on the subject area and in evaluating its contribution; and the ability to work to a deadline and complete written work within word limits

Where possible the module learning and teaching will be supported by Guest Speakers.

6 Indicative Content Framework of financial reporting for IFI

- Financial Statements of IFI
- Accounting and Reporting of Islamic financial products
- Accounting and Auditing of Islamic Financial Institutions (AAOIFI)
- Corporate and Sharia Governance

7	M	Module Learning Outcomes		
	On successful completion of the module, students will be able to:			
	1	1 Understanding of the conceptual framework that is unique to Islamic financial institutions		
	2	2 Demonstrate the reporting requirements of Islamic financial Institutions		
	3	3 Illustrate the accounting treatment of deposit and investment accounts unique to IFI		
	4	4 Evaluate the differences between traditional standards and AAOIFI standards		



8 Module As	Module Assessment			
Learning Outcome				
Outcome				
	Coursework	Exam	In-Person	
1,2		X		
3,4	X			

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36 hours
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 hours (which includes 12 hours of online learning)
Private Study (PS) includes preparation for exams	104 hours
Total Study Hours:	200 hours



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Module Summary Information

1	Module Title	Business Technology and the Finance Function
2	Module Credits	20
3	Module Level	5
4	Module Code	ACC5044

5 Module Overview

This module will guide you to develop your understanding of the technologies of the modern age and how they are transforming the business world and the finance function.

You will be introduced to some key technologies including blockchain, big data analytics, cloud computing and artificial intelligence to discover how the modern finance function utilises these to interact and support different functions of an organisation.

You will gain a broad understanding of the key activities of business functions, including Marketing, Operations, IT and Human Resources, to understand how the finance function can support these functions in achieving their strategy through effective use of key performance indicators.

As part of your learning, you will identify the characteristics of the digital mind set and a range of ethical and legal considerations for you to reflect on for your own development as a future finance professional.

6 Indicative Content

The module will include:

- Characteristics of the 4th Industrial Revolution
- Activities of the modern finance professional
- Information to Impact Framework
- How finance supports other organisational functions
- Developing a digital mindset
- Ethical use of technology
- Corporate Digital Responsibility

7	Module Learning Outcomes		
	0	n successful completion of the module, students will be able to:	
	1	Discuss the effects of the 4 th industrial revolution on the business environment.	
	2	Discuss and demonstrate use of modern technology within the finance function	
	3	Examine how the finance function supports and interacts with other business functions.	
	4	Recommend ethical and socially responsible approaches for the effective implementation of technology and use of data in organisations.	



8	Module Assessment				
Learning Outcome					
		Coursework	Exam	In-Person	
1 - 4		X			

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



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Module Specification Module Summary Information

1	Module Title	Principles of Not for Profit Accounting and Governance
2	Module Credits	20
3	Module Level	Level 6
4	Module Code	ACC6038

5 Module Overview

This module will introduce you to Not-for-profit third sector organisations (charities, clubs and societies) and public sector organisations.

In addition to exploring the differences in structure, financing, governance, management and performance measurement of organisations within the not for profit environment, you'll review and evaluate the challenges associated with accounting for not for profits and the implications on their operations.

Specific issues of concern relating to charities operating internationally may also be considered.

This module will provide insight and exposure to the sector which has a prominence within the local area, from parish councils and village halls to the large national charities.

6 Indicative Content

This module is designed to provide students with the knowledge and skills required to conduct their financial duties in relation to an organisation within the not-for-profit third sector.

The content of the module will consider:

- Accounting and reporting requirements of third sector organisations
- Different ways of establishing a charity
- Financing and fund raising for the not for profit sector
- Governance, statutory and regulatory requirements
- Taxation issues
- Analysis of performance

7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Communicate findings from the analysis of financial statements of organisations within the not-for-profit sector		
	2 Construct accounting information and financial statements for small organisations operating within the sector			
	3	Identify and critically discuss relevant issues of organisations operating in the sector.		
	4	Identify and discuss fund raising and financing in the NFP sector		



8	Module Assessment			
Learning				
Outcome				
		Coursework	Exam	In-Person
1, 2, 3 & 4		X		

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (which includes 12 hours of on-line learning)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



1	Module Title	Empowering Future Leaders
2	Module Credits	20
3	Module Level	6
4	Module Code	ACC6039

5 Module Overview

This module will enable you to develop your organisational leadership and consultancy capabilities and relevant professional skills. You will develop an understanding of how leaders make strategic decisions and how effective strategic leadership can influence organisational behaviour and decision-making.

Strategy is at the heart of what organisations do, and is a key focus of organisational leaders. You will learn how leaders develop strategy in their organisations through the key stages of:

- Strategic analysis analysing the dynamics of the environment of the organisation and how this affects strategy.
- Strategic choice strategy is all about options and these options must be generated and developed
- Leading strategy implementation– once strategy has been formulated it must be implemented and you will learn how implementation is achieved and how change is managed.

You will also reflect upon your own competencies to gain a deeper insight into the skills areas which you need to develop to realise your potential as a future leader.

Where possible, the learning in this module will be supported by a guest speaker from business and industry.

The module will be assessed by a mixture of progressive summative assessments and a group inperson assessment, which will be based on business case studies. The overall assessment strategy fits with that of the course in ensuring a balance between assessing academic knowledge and the transferable skills necessary for graduate level employment.

Successful completion of this module may enable achievement of the Graduate+ Gold Award.

Strategic Analysis

- External analysis PESTEL, Porter's 5 Forces, Porter's Diamond, Mendelow's matrix
- Internal analysis capabilities, SWOT

Strategic choice

- Strategic options –generic strategies, acquisition, organic growth, corporate parenting, Ansoff matrix
- Strategy evaluation
- Corporate citizenship

Leading strategic implementation

- Effective leadership trait theories, behavioural / style theories
- Leadership and management differences / similarities, skills of a leader
- HRM



- Risk management risk attitude, awareness, management (transference, avoidance, reduction, acceptance)
- Professionalism, ethical codes and the public interest
- Managing strategic change influence of culture (cultural web), overcoming resistance.
- Digital mindset

Leadership skills development

7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	1 Critically evaluate the strategic position of the organisation against the external environment and the availability of internal resources.		
	2	Appraise the strategic options available to the organisation and recommend an appropriate strategy in the context of the organisation and its environment.		
	3	Analyse the factors a leader will need to consider to successfully implement strategy.		
	4	4 Reflect and articulate on key transferable competencies to plan their personal development as a future leader.		

8	Module Assessment			
	Learning			
Outcome				
		Coursework	Exam	In-Person
1 - 4		X		X

9 Breakdown Learning and	Feaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (which includes 12 hours of online learning)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



1	Module Title	Quantitative Methods of Finance
2	Module Credits	20
3	Module Level	4
4	Module Code	FIN4010

5 Module Overview

This module is designed to help students understand the quantitative methods necessary to allow progression in Finance, Investment, Business and Accounting professions. It also serves as an introduction to the various analytical approaches required in the manipulation and presentation of business type data and demonstrates how its analysis can be used to make commercially sensitive decisions.

Understanding of basis quantitative methods are highly essential to tackle day to day issues arising in business professions. This module will help students to formulate problems into quantitative models, to aid the successful resolution of the problem. Students will learn the importance of data, its presentation, the cause and effect relationship in data. Students will learn how historical data can be analysed using various statistical methods and how future trends can be identified. Students will learn to derive potential solutions to problems by learning data analysis and interpretation of results from historical quantitative information. Using output from mathematical and statistical models, students will learn to analyse, interpret and derive potential outcomes from quantitative information.

The module will utilise Microsoft Excel in order to make the module more effective and practice oriented. This will also increase the employability of the students by building up their real-world skills. Students will be assessed by multiple methods, which include time constrained online MCQ tests and group coursework.

Students will be able to demonstrate an understanding of applying quantitative methods to a wide range of situations in the Finance, Investment, Business and Accounting professions upon completion of this module. Students will demonstrate the ability to analyse the finance and investment problems using appropriate mathematical and statistical tools. Students will also be able to communicate the results of quantitative analyses in the contexts of finance and investment, to both specialists and non-specialists, recognising any limitations of the underlying models. They will also be able to conduct mathematical and investigations within the context of finance and investment.



6	Indicative Content
	 Introduction to basic mathematical concepts Algebra and Matrix Algebra Data Collection and Presentation Summarising Data and Index Numbers Analysis of Sample data Financial Mathematics Probability and Probability distribution Introduction to inferential statistics Examining the cause and effect using correlation and regression Introduction to Forecasting Linear Programming One-to one and/or small group support, revision and assessment

7		Module Learning Outcomes On successful completion of the module, students will be able to:			
	1	Recognise different types of numerical data and different data collection processes and			
		present data effectively for users in business and management.			
	2	Explain and use the basic concepts of probability and probability distributions, and their			
		applications in business and management.			
	3	Apply statistical methods to investigate interrelationships between, and patterns in,			
		business variables.			

8 Module As	Module Assessment		
Learning			
Learning Outcome			
	Coursework	Exam	In-Person
1, 2	X		
1, 2, 3	X		

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (Including 12 hours online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



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Module Summary Information

1	Module Title	Risk Management
2	Module Credits	20
3	Module Level	5
4	Module Code	FIN5020

5 Module Overview

The module will help you in developing knowledge and understanding of the risk management strategies of corporate organisations, including multinational corporations. They will develop skills on how to identify, classify and evaluate different types of organisational risks. Risk management using both internal and external strategies will be explored. The knowledge of assessing and managing risk associated with cash flows and capital investment decisions will also be acquired. Credit risk will also be introduced. You will be able to understand the ethical issues involved in risk management.

In summary, the module offers an opportunity to develop transferable skills in risk management among finance and investment or business finance students. These skills will add value to the employers of both private and public sectors.

The module will be delivered by seminar, which will be supplemented with online learning. The seminar will introduce new concepts and topic areas and you will apply these concepts using relevant case studies and examples.

6	Indicative Content
•	Introduction to Risk Management
•	Principles and Aims of Risk Management
•	Identification and Assessment of Risk
•	Internal Strategies of Risk Management
•	Foreign Exchange Risk Management
•	Risk and Capital Budgeting
•	Introduction to Credit Risk

• Ethical Consideration in Risk Management

7		Iodule Learning Outcomes On successful completion of the module, students will be able to:			
	1	1 Identify, classify and evaluate different types of risks in corporate organisations, including multinational corporations			
	2	Develop the skills in adopting internal and external strategies for the management of risks in both local and international organisations. This will also ensure the reflection and articulation of key transferable competencies by students.			
	3	Demonstrate an understanding for managing risks associated with cash flows and capital investment decisions.			
	4	Consider ethical issues in risk management across international organisations.			



8	Module Assessment				
Learning Outcome					
Outcome					
		Coursework	Exam	In-Person	
1 - 4		х			

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



1	Module Title	Financial Modelling
2	Module Credits	20
3	Module Level	5
4	Module Code	FIN5022

5 Module Overview

This module is designed for the student who wishes to learn how to utilize financial theory in real world applications. The course is practical in nature and will implement computational approach to many financial problems. This module will build upon modules that are covered in year 1 and will link to the year 3 modules. Upon completion of the course, you will be fluent in both Excel as well as financial modelling. Such fluency will position you very well for essentially many financial job. You will also have a nice tool kit of many real world financial models across a very broad range of topics. This combination of fluency of financial modelling and portfolio of models will prove invaluable during both interviews with potential employers as well as execution of finance-related employment tasks. A successful completion of the module would provide you with valuable skills for a wide range of careers in areas such as investment and banking.

This course is an application based tour of financial models used in corporate finance, investment analysis, and portfolio management. The module will make extensive use of Microsoft Excel in order to make the module more effective and practice oriented. This will also increase you employability opportunities by building up their real-world skills.

You will be assessed on the module by a group report, and two online time constrained MCQ tests. There will be a fully developed Moodle site, which acts as a repository for materials, but also contains some interactive learning materials that you will be required to engage with on a regular basis.

Feedback will be provided on the coursework and posted on Moodle. You will receive on-going formative feedback, through the individual and small group seminar activities and the on line activities. This process will be supported through the forum facility of Moodle.

Written feedback will be provided on the submitted coursework and if the coursework is submitted in an appropriate format, annotations will be made on the coursework itself.

6	Indicative Content			
•	Basic Financial Calculations			
•	Calculating Cost of Capital			
•	Financial Statement Modelling			
•	Building a Financial Model			
•	Linear Programming: Optimisation subject to Constraints			
•	Capital Budgeting and Project Interactions.			
•	Review of Basic statistics using Excel			
•	Portfolio Models			
•	Calculating Efficient Portfolios			
•	Estimating Betas and Security market line			



7	Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Apply essential knowledge and skills of Excel worksheet functions, pivot tables, charts and techniques for the practical implementation of financial models.	
	2	Demonstrate use of formulas, function and commands of a software (Excel or/and Python) for financial calculations and apply finance theory and concepts to construct financial models.	
	3	Employ knowledge of corporate finance and financial markets, capital budgeting, cost of capital, measures of portfolio and other general financial concepts such as Ethics and time value of money, for financial modelling.	

8	Module Assessment			
Learning				
Outcome				
		Coursework	Exam	In-Person
1, 2, 3	5	Х		
1, 2, 3		Х		

9 Breakdown Learning and	Breakdown Learning and Teaching Activities		
Learning Activities	Hours		
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36		
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (Including 12 hours online delivery)		
Private Study (PS) includes preparation for exams	104		
Total Study Hours:	200		



1	Module Title	Islamic Economics
2	Module Credits	20
3	Module Level	5
4	Module Code	FIN5024

5 Module Overview

The module provides an overview of economics in the Islamic context. It analyses the Islamic economic system in relation to other economic systems and elaborates on the Islamic worldview and the source of Islamic economics. This module aims to provide an understanding of the Islamic methodology in economics. It highlights the philosophical foundation of Islamic economics and its relationship to sustainable development. Islamic economics principle and its relationship to key sustainable development goals such as environmental sustainability, social cohesion and economic development are discussed. It also explains the process of allocation of resources as applied to consumption and production from Islamic perspectives.

The module will use a combination of face to face and on line interactive delivery methods; discussion in examining the principles in this module is key to developing your understanding. There will be regular formative teaching and assessment to allow you to check your understanding and develop your knowledge. Although the module does not provide any professional exemptions, it will assist students who decide to study for professional qualifications.

In line with the University and Faculty goal of enhancing employability, successful completion of this module should provide a firm foundation for students who wish to conduct further research in this area and/or enter the rapidly growing Islamic banking industry and/or faith based organisations in the humanitarian and development sector.

- Islam and its worldview in economics
- The Islamic methodology of economics
- Objective of Sharia
- The Islamic Economic System
- Economics in the Quran and Sunnah
- Islamic Fiscal Policy
- Islamic Monetary Policy
- Islamic economics and sustainable development.

7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Apply the Islamic worldview & knowledge in the economic system.		
	2	Compare and Contrast the methodology of Islamic economics with comparative economic system		
	3	Critically reflect the Islamic economic principle in production, consumption and distribution		



8 Module Ass	Module Assessment			
Learning				
Outcome				
	Coursework	Exam	In-Person	
1,2,3	Х			

9 Breakdown Learning and	Teaching Activities	
Learning Activities	Hours	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60, which include online direct learning.	
Private Study (PS) includes preparation for exams	104	
Total Study Hours:	200	



Return to Module List

1	Module Title	Personal Wealth Planning and Management
2	Module Credits	20
3	Module Level	5
4	Module Code	FIN5026

5 Module Overview

This module introduces you to personal investments and wealth management of individuals. You will learn about the wealth management process and be able to develop investment policy statements for individuals given their unique goals, constraints and circumstances. In addition, you will develop a thorough understanding of the different global tax regimes. You will also develop analytical skills in estate planning and risk management of personal investments.

The module will be delivered by seminar lectures, workshops and online learning involving your participation in discussions and numerical exercises. The module will be assessed through a combination of coursework and unseen closed-book in-class exam tests. The overall assessment strategy fits with that of the course in ensuring to secure professional accreditation and required to develop transferable skills. Overall, the module learning contents offer opportunities to develop knowledge and skills for careers in personal wealth management.

There will be a fully developed Moodle site for all the learning contents of the module. It will also contain interactive learning materials that you will be required to engage with on a regular basis over the term of the module.

6	Indicative Content
	Overview of private wealth management
	Taxes and Private Wealth Management in a global context
	Estate Planning in a global context
	Concentrated single-asset positions
	Risk management for individuals

7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Appraise the wealth management process and develop effective investment policy statements for given clients' goals, constraints and other considerations.		
	2	Compare different international tax regimes for taxation of investment income and their implications for investment risk and wealth management.		
	3	Analyse the different means of wealth transfer and estate planning in global context.		
	4			



8 Module As	ssessment		
Learning			
Outcome			
	Coursework	Exam	In-Person
1 – 4	X	X	

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (Including 12 hours online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



Return to Module List

Module Specification Module Summary Information

1	Module Title	Financial Derivatives
2	Module Credits	20
3	Module Level	6
4	Module Code	FIN6028

5 Module Overview

This module will introduce you to the pricing and valuation of financial derivatives and local and international markets for financial derivatives. You will learn the estimation of price and value of different derivative contracts such as futures, forwards, swaps and options using the underlying theories and mathematical models. You will also learn about the functioning of the different derivative markets, trading mechanisms, settlement procedures etc.

A thorough understanding of the pricing and valuation of derivative securities and the derivative markets is a must for decision making on financial risk management as well as basic and advanced investment strategies. Therefore, the module develops transferrable skills such as analytical problemsolving, communication, independence and the ability to work under pressure that are essential for careers in investments and risk management. The module will be delivered using seminar lectures, workshops and online learning activities. The module will be assessed by unseen closed book in-class exam tests and coursework.

The module will have its own Moodle site to fully support delivery of the module and will contain all the learning materials for the module as well as other resources and links. Some contents on the site will be interactive and will require you to engage with them on regular basis throughout the term.

- Introduction to Derivatives, Ethics and Responsibility
- Forward and Future Contracts
- Pricing and Valuation of Futures and Forwards
- Global Derivative Markets
- Option Pricing Theory
- Option Pricing Models
- Delta & Gamma Hedging
- Basic Option Strategies
- Interest Rate Derivatives
- SWAP Contracts
- Pricing and Valuation of SWAPs

7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Compare the features of different types of Derivative Contracts including forwards, futures, options and Swaps.		
	2 Assess the functioning of the global derivative markets and the ethical considerations as well as responsibility in the use of derivative contracts.			
	3			
	4	Estimate the Price and Value of different types of Derivative Contracts using financial theory and mathematical models.		



8	Module Asse	essment		
Learn	ing			
Outco	me			
		Coursework	Exam	In-Person
1-4		X	X	

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (Including 12 hours online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



Return to Module List

Module Specification

Module Summary Information

1	Module Title	Investment and Portfolio Management
2	Module Credits	20
3	Module Level	6
4	Module Code	FIN6030

5 Module Overview

This module aims to build on the techniques for portfolio selection that have been introduced in the Portfolio Management and Analysis and Equity and Fixed Income Securities. The contents of the module cover exciting topics such as fundamental and technical analyses, modern portfolio theory and performance evaluation. You will learn about different asset classes for investment and how to create and manage the individual and institutional investment portfolio. It will also enable you to learn how to forecast investment returns and the estimate stand-alone as well as portfolio risk. This module will provide you the opportunity to learn global investment performance ethics to fulfil an essential role in investment and management around the world. Moreover, the module will offer you an opportunity to put finance and investment theory into practice through application of the underlying concepts to investments in financial markets. You will require extensive use of the Trading Room and DataStream Eikon for investment analysis and portfolio management throughout the term particularly for the completion of the coursework.

Knowledge and understanding of different investments, technical and fundamental analysis and portfolio management are among the essential requirements for careers in trading, fund management and investment advisory services in the financial sector. Therefore, this module enables you to acquire the knowledge and skills required for careers in the financial services industry.

The learning and teaching strategy is designed to enable the learner to actively engage with the pedagogy and will introduce them about the underlying concepts, tools and techniques of investment analysis and portfolio management.

The module will be assessed by formative and summative assessment to enhance your knowledge and engagement in the class. The coursework and in class exams elements of the assessment will measure your achievements of the module outcomes. These are designed to develop your knowledge and skills in investment analysis and portfolio management. You will receive feedback on all these elements of assessment from the module team.

The module will have its own Moodle site to fully support delivery of the module and will contain all the learning materials for the module as well as other resources and links. Some contents on the site will be interactive and will require you to engage with them on regular basis throughout the term.



7	M	Module Learning Outcomes	
	0	n successful completion of the module, students will be able to:	
	1	Assess the risk & return of investment in different asset classes for an investment portfolio,	
		recommend to communicate various types of risks attached to these asset classes	
	2	Construct investment portfolios applying different investment concepts and theories to	
		achieve set investment goals.	
	3	Evaluate portfolio performance by measuring investment performance and attribution	
		analysis.	

8	Module Asse	lule Assessment		
Learning				
Outco	ome			
		Coursework	Exam	In-Person
1,2,3		X	X	

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (Including 12 hours online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



1	Module Title	Alternative Investment
2	Module Credits	20
3	Module Level	6
4	Module Code	FIN6033

5 Module Overview

This module is adhering to the CFA (Chartered Financial Analyst) professional qualification's requirements on the subject of Alternative Investment. It is designed for the student who wishes to learn widely used alternative investments including hedge funds, private equity, real estate, commodities, infrastructure investment and financial derivatives. The course is introductory in nature and will include in-class case studies. This module can be used as an independent module which will not be built upon modules that are covered in previous semesters but link to other investment-related modules such as portfolio management and financial derivatives.

Upon completion of the module, you will be familiar with alternative investments and can make rational decisions when invest in these alternative investments. Due to this module's nature of adhering to requirements of CFA qualification's Alternative Investments, students who successfully complete this module are expected to be able to take Alternative Investments of CFA in an easier way.

You will be assessed on the module by coursework and in-class/online quizzes. There will be a fully developed Moodle site, which acts as a repository for materials, but also contains some interactive learning materials that you will be required to engage with on a regular basis.

Feedback will be provided on the coursework and posted on Moodle. Students will receive on-going formative feedback, through the individual and small group seminar activities and the on line activities. This process will be supported through the forum facility of Moodle.

Written feedback will be provided on the submitted coursework and if the coursework is submitted in an appropriate format, annotations will be made on the coursework itself.

- Compare Alternative Investments with Traditional Investments;
- Hedge Fund and Hedge Fund Strategies;
- Real Assets: Commodities;
- Private Real Estate and Private Equity;
- Infrastructure Investments;
- Financial derivatives: A review;
- Structure Product: Collateralized Debt Obligations



7	Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Appraise widely used alternative investments, including hedge funds, private equity, real estate, commodities, and infrastructure investment, demonstrate differences between traditional investments (stocks, bonds) and alternative investments.	
	2	2 Demonstrate investment strategies which can be used in making alternative investments. Critically analyse each alternative investment's strengths and weaknesses. Understand alternative investments in real cases and investment decisions.	
	3	Employ essential knowledge of derivative market and portfolio management for alternative investments.	

8 Module As	Module Assessment				
Learning					
Outcome					
	Coursework	Exam	In-Person		
1, 2, 3		X			
1, 2, 3	X				

9 Breakdown Learning and Teaching Activities			
Learning Activities	Hours		
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36		
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (Including 12 hours online delivery)		
Private Study (PS) includes preparation for exams	104		
Total Study Hours:	200		



Module Summary Information

1	Module Title	Fintech
2	Module Credits	20
3	Module Level	6
4	Module Code	FIN6035

5 Module Overview

Financial technology (Fintech) integrate technologies like artificial intelligence (AI), blockchain and data science into traditional financial services to make them safer, faster and more efficient. It is one of the fastest-growing industries, with companies innovating in almost every area of finance from mobile banking and insurance to cryptocurrency and investment apps, Fintech has broad applications.

This module will provide you an extensive and critical understanding of the concepts and real- world applications in Fintech. It focuses on the transformation within financial services, the innovative currency, markets and transactions. You will be exposed to key ideas, principles, and frameworks of Fintech businesses, and explore emerging technologies that will disrupt existing marketplaces and financial services.

The assessments include group present and individual coursework to foster your team working and independent learning.

The module will be delivered through a lecture per week supplemented with a seminar/workshop and online learning. The lecture will introduce new concepts and topic areas, the seminar/workshop and online activity allow you work in a team for developing and applying these concepts with relevant case studies and business ideas.

- Exploring the Fintech Landscape and Ecosystem
- Innovation and Fintech
- Innovation in Money and Payments
- Impact of innovation on Financial Markets
- Market strategy and Competitive Advantage
- Financial Services and the Potential for Fintech
- Fintech infrastructure
- Regulation and Financial innovation



7	Mo	Iodule Learning Outcomes		
	Or	On successful completion of the module, students will be able to:		
	1	Examine the key concepts and thematic areas in fintech.		
	2	Compile key information of that will affect a specific fintech disruption or innovation.		
	3	Investigate and critically analyse the impact of fintech innovation on markets.		
	4	Develop strategic recommendations for a fintech disruption or innovation.		

8 Module Ass	Module Assessment		
Learning	Choose from one of the three general categories of assessment for each		
Outcome	learning outcome: Coursework, Exam or In-Person		
	Coursework	Exam	In-Person
1, 2			X
3, 4	X		

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (which includes 12 hours of online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



1	Module Title	Islamic Banking and Capital Markets
2	Module Credits	20
3	Module Level	6
4	Module Code	FIN6036

5 Module Overview

This module introduces you to the financial systems, products and services offered by Islamic financial institutions in the Islamic Banking and insurance (takaful) industries. The module will discuss the product features and mechanisms that are specialised due to the Sharia compliance aspect. It highlights the pertinent risk management issues relevant to the financial institutions involved in Islamic financial activities. You will understand how schools of Islamic jurisprudence permit some forms of transactions, but exclude others, through principles such as the requirement of risk sharing within contracts, the avoidance of excessive risk and the use of real contracts.

The module also introduces you to the nature and development of capital markets, the relevant international agencies, Islamic bonds and sukuk, Islamic mutual funds, Islamic stock screening processes and Islamic structured products. It identifies the challenges in adopting relevant contracts and structures in asset-backed securities and Islamic financed products.

You will understand the Islamic banking industry that operates as a financial intermediary between the deposit holder and the borrower and invests only in Sharia compliant asset backed securities. Differentiate between the various equity based, sales based and lease based forms of financing and the various forms of contracts. Capital market instruments are different to the traditional instruments, understanding their particular features. Islamic Insurance or takaful promotes mutual contribution and mutual indemnity among policy holders.

6 Indicative Content Components of Islamic financial System Islamic Banks inception, their growth and challenges faced by them Islamic banking products, partnership based, equity based and trade based. Trade finance and treasury products

- Islamic Capital Market instruments Sukuk Islamic Bonds
- Takaful Islamic insurance

7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Evaluate critically the structure, instruments and financial modelling of Islamic Banking and contemporary debates about their effectiveness against conventional banking.		
	2	Assess the growth and challenges of the Islamic capital market		
	3	Critically analyse the difference in conventional and Islamic insurance and how Islamic insurance works		
	4	Discuss the recent activity in the Islamic Finance world with regard to the issue of Sukuk and the challenges faced.		



8 Module	Assessment		
Learning			
Outcome			
	Coursework	Exam	In-Person
2,4			X
1,3		X	

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36 hours
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 hours (which includes 12 hours of online learning)
Private Study (PS) includes preparation for exams	104 hours
Total Study Hours:	200 hours



1	Module Title	Corporate Financial Strategy
2	Module Credits	20
3	Module Level	6
4	Module Code	FIN6040

5 Module Overview

The UK is witnessing an increase in the number of public companies collapsing and it may be arguable that a lot of such failures can be attributed to poor corporate finance strategies. As a result of this, the module explores the advanced mechanics of corporate finance and the different strategies that can help a company detect or prevent financial difficulties.

This module will help you in developing knowledge and understanding of the underlying principles and concepts relating to corporate finance and give the theoretical underpinnings of financial management in corporates. The module gives a broader understanding of the philosophies behind the financial management decisions, capital structure, dividend policies and current developments in and modern theories of finance. The module will enable you to evaluate research and synthesise information about corporate financial issues and problems, ability to solve quantitative problems, presentation of ideas, and participation in debates.

The assessment of this module is through progressive summative in-class tests, a coursework and end of year exam. Delivery of the module is through a weekly lecture, tutorial and online material. This is in line with the practice bases philosophy of the course.

6	Indicative Content
•	Corporate Governance, Ethics and Sustainability
•	Sources of Long -Term Finance with particular emphasis of Rights Issues
•	Business Valuation
•	Mergers and Acquisition
•	Dividend Policy Strategies
•	Foreign Exchange Rate Risk Management

- Foreign Exchange Rate Risk Management
- Interest Rate Risk Management
- Working Capital Management Strategies

7	Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	To analyse the ethical and sustainability issues facing corporations in the UK and the world and to write a professional report, which evaluates the strategies that companies can adopt to respond to them.	
	2	To formulate corporate financial strategies dependent on a company's circumstances and to communicate them to shareholders arguing the need for the adoption of such strategies	
	3	To construct an awareness of current issues in national and international financial markets and environments and to interpret their effects on the long-term existence of corporations.	
	4	To develop the ability to evaluate and analyse a range of financial strategies that can be adopted to mitigate the risks a company faces.	



8 Module As	le Assessment		
Learning			
Outcome			
	Coursework	Exam	In-Person
1	X		
2-4		X	

9 Breakdown Learning and Teaching Activities		
Learning Activities	Hours	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (Including 12 hours online delivery)	
Private Study (PS) includes preparation for exams	104	
Total Study Hours:	200	



1	Module Title	Economic Analysis
2	Module Credits	20
3	Module Level	4
4	Module Code	QME4017

5 Module Overview

The module will introduce you to a range of methods, both quantitative and qualitative. You will learn how to access primary and secondary data sources and how to analyse data of various types (text, numeric or other). This will include literature reviews, the design of questionnaires and interviews, and content analysis for text-based material. For structured data a spreadsheet package will be used to create graphs, charts and pivot tables. The problems of processing larger data sets will be considered. Some basic probability and statistical techniques including correlation, regression and forecasting will be included. Tools such as Excel Solver will be used for optimization, quantitative decision making and problem solving. Finally, the various techniques will be brought together and their use in writing business reports, and presenting data and information professionally, will be examined.

This module supports the economics programmes which provide the student with an understanding of how data is source and used to solve particular analytical problems. The module will do this through the material and examples used, for example in forecasting and examining optimisation typical business problems will be used, in many cases using large data sets from real applications. You will apply the optimisation principles of mainstream economics in a variety of settings, using a range of techniques.

These technical skills are highly regarded by employers.

- Sources of data
- Interviews and questionnaires
- Content analysis
- Excel graphs, charts and pivot tables
- Hypothesis testing
- Correlation and regression
- Forecasting
- Optimisation

7	Module Learning Outcomes		
	0	n successful completion of the module, students will be able to:	
	1	Present data and text in a logical and robust way.	
	2	Perform appropriate statistical and mathematical calculations relevant to business and economics, correctly interpreting the results.	
	3	Use commercial software packages to investigate and provide insight into business problems.	



8	Module Assessment			
Learning Outcome				
		Coursework	Exam	In-Person
1 - 3		X		

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



1	Module Title	Applied Economics
2	Module Credits	20
3	Module Level	4
4	Module Code	QME4020

5 Module Overview

You will learn to apply your knowledge and understanding of the economic theory gained in the first semester to analyse real-world economic problems. You will be shown how to evaluate and compare the usefulness of different economic models and their applicability to the real world. A diverse range of case studies will be included, and relevant policy issues pertaining to contemporary topics focused on the use and distribution of resources, such as structural change, globalisation, growth and post-crisis issues, income distribution and poverty will be examined. You will learn how to manage datasets to collect reliable data and use them to analyse the economic, social and environmental impact.

International focus:

The module explores numerous issues related to the functioning of the economy at an international level, for example, international trade, globalisation, and foreign direct investments. Other topics, such as climate change and health economics, are fundamentally global too. Much teaching material is based on international data and case studies. That is why this module will help to develop your global outlook.

Employability focus:

The module is employability-driven as it seeks to develop essential transferable skills, including report writing, data collection, presentation and problem-solving. You will also practice working within a group of other students which will develop your communication and team working skills which are valued highly in the job market.

UN Sustainability Goals:

The module addresses several sustainable development issues, including, among others: poverty reduction, income inequality, human development, effects of globalisation and structural change on growth prospects, sustainability paths, climate change and ways to tackle environmental issues. You will get an understanding of why sustainability is important in economic decisions.

- Module induction: report writing and presentational skills.
- •
- Firm's objectives and behaviour.
- Market structure, mergers and acquisitions.
- Innovation management
- Structural Change
- Growth, development and crisis
- Globalisation
- The Economics of the Environment
- Heath economics
- Income distribution and Inequality
- Labour Market and trade unions



7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Identify and describe real-world economic problems using quantitative and qualitative evidence.		
	2	Demonstrate the ability to apply economic theories and models to analyse and interpret real-world national and international economic issues.		
	3	3 Familiarity with current issues and debates in the field of economics and their practical applications.		
	4	Articulate, communicate and present economic arguments when developing a potential solution to an applied economic problem.		

8	Module Asse	essment		
Learning Outcome				
Outcom	ne			
		Coursework	Exam	In-Person
1, 2, 3		X		
4				X

9 Breakdown Learning and	Breakdown Learning and Teaching Activities		
Learning Activities	Hours		
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36		
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (includes 12 hours of online delivery)		
Private Study (PS) includes preparation for exams	104		
Total Study Hours:	200		



1	Module Title	Econometrics
2	Module Credits	20
3	Module Level	5
4	Module Code	QME5023

5 Module Overview

This module is consistent with the applied philosophy of the course, where it presents a comprehensive coverage of the main techniques and practical applications of analysis for economics, business and financial-type data, starting with the application of regression analysis. You will be given the opportunity to experience how econometrics can be used to empirically study and answer questions across a variety of disciplines.

Moreover, this module introduces you to data extraction, data analysis and data interpretation using statistical software, hereby offering a practice-led, knowledge-applied education experience. The module will consist of two intertwined parts. Lectures will focus on the theoretical components of this module, where you will receive a thorough grounding in econometric concepts, along with all the required mathematical and statistical tools. Whilst seminars will provide you with the professional skills to work on real-world applications and examples of the taught theory, analysing a wide-ranging collection of datasets and using programming software that will enhance students' employability skills.

Indicative Content

6

- The nature of econometrics and economic data
- Simple linear regression model
- Multiple linear regression models
- Functional forms and incorporating nonlinearities
- Inference (testing hypothesis)
- The Linear Probability Model
- Regression Diagnostic: Heteroskedasticity
- Regression Diagnostic: Multicollinearity
- Regression Diagnostic: Autocorrelation
- Non-stationary time series part 1
- Non stationary time series part 2
- Estimating simultaneous equations models
- Use of packages such as Excel, Python.

7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Critical application of linear regression models to the analysis of economic data and the relationship between them.		
	2	Distinguish the limitations and validity of econometric analysis with respect to the characteristics of the data.		
	3	Apply econometric analysis to test a variety of research hypothesis and interpret results using statistical software and relevant economic theories.		
	4	Show proficiency in technical report writing, presenting results to diverse audience.		



8	Module Asse	essment		
Learn	ning			
Outco	ome			
		Coursework	Exam	In-Person
1-4		Х		

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (includes 12 hours online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



Module Specification

Module Summary Information

1	Module Title	Intermediate Macroeconomics
2	Module Credits	20
3	Module Level	5
4	Module Code	QME5024

5 Module Overview

Macroeconomics is a study of different views on how the economy operates at the national and international level. It analyses how actions of different groups of economic agents (including consumers, firms, workers, governments, and the financial system) interact with each other to shape economic processes and outcomes at the aggregate level. This module offers sound knowledge and understanding of macroeconomic theories, debates, and practices at the intermediate level. It develops your skills to apply different macroeconomic concepts and theories to explain the functioning of the national economy, to analyse the potential effects of various economic events and policies on macroeconomic outcomes for the country as a whole and the different groups of agents in particular, and to analyse and understand trends in macroeconomic data.

You will engage with real-world applications of macroeconomic theories discussed. You will explore significant macroeconomic events and learn how to analyse real-world macroeconomic data from published statistical datasets, to critically evaluate insights of competing macroeconomic theories. You will learn how to effectively use macroeconomic theories and evidence to understand the impact of different macroeconomic policy responses in various scenarios and to illustrate how economic processes and outcomes in the national economy are realised in real life.

This module provides you with the opportunity to develop your transferable skills to enhance your intellectual and personal development and future employability, particularly your analytical, reasoning, problem solving, critical thinking, and communication skills. You will begin to consider issues in a way that professional economists do, to explore complex economic problems and provide insights for non-specialists (including ministers, managers, and directors) about appropriate economic policy actions in the context of economic growth, inequality, and climate change.

6 Indicative Content

- National accounts: components of national income; merits of GDP as a measure of economic success of the national economy;
- Unemployment and the labour market: theories, evidence, and policies for understanding employment and wage levels;
- Money and the financial system: types of money, functions of money, money creation in modern economies, role of the financial system;
- Inflation and the money market: importance of the changing price level for economic activity and contemporary economic policy;
- Understanding the features and determinants of economic activity over time: short-run economic fluctuations and long-run economic growth;
- Types and functions of economic policy: contemporary debates on fiscal and monetary policy for a sustainable future
- Comparison of key schools of thought in macroeconomics (including Keynesian, Neoclassical, Monetarist, New Classical, New Keynesian, Post Keynesian)
- The foundations of macroeconomics: relevant insights from recent economic history (including the Great Depression, the 1980s oil crisis, the 2007 global financial crisis) and microeconomics (including the consumption function, the investment function, the role of expectations)
- Introduction to open economy macroeconomics

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7	Module Learning Outcomes		
	U	n successful completion of the module, students will be able to:	
	1 Distinguish key macroeconomic concepts, debates, and theories at an intermediate level.		
	2	Analyse macroeconomic problems selecting appropriate insights from the plurality of economic theories and models taught, using verbal, mathematical, and graphical methods.	
	3 Derive and estimate main macroeconomic variables from statistical datasets.		
	4	Analyse and evaluate an economic policy mix appropriate for a particular scenario, with the ability to communicate policy recommendations to a non-specialist audience.	

8	Module Assessment			
Learning				
Outco	me			
		Coursework	Exam	In-Person
1 – 4			X	
1 – 4		Х		

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



Module Specification

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Module Summary Information

1	Module Title	Labour Economics
2	Module Credits	20
3	Module Level	6
4	Module Code	QME6039

5 Module Overview

The labour market is central to the production process in market economies. For a significant part of their lives people sell their labour in exchange for wages or salaries. Labour is in the epicentre of dispute regarding its relation to what is perceived as the factors of production, including capital. This is an option model which is offered across the range of economics programmes. In the market economy all firms and organisations hire labour, while in the non-market forms of economic organisation labour is still the essential factor that makes economy exist.

The programmes' philosophies are to broaden students' understanding and career opportunities by developing a detailed knowledge of the economic system and its functions, at the same time developing your intellectual, subject-specific and transferable skills. This module is consistent with this philosophy since it offers a firm background in the theory of labour economics and provides students with the ability to use a variety of analytical techniques, including empirical and data analysis skills. It aims to ensure you develop understanding of how labour economics concepts and theories can be used to explain the decision-making of economic actors and various policy issues.

You will be given the opportunity to apply relevant economic models to the investigation of a labour market issues within a country of your choice. The module aims to encourage the development of transferable skills, which enhance career prospects, by accessing and interpreting information from a variety of sources, in order to evaluate theoretical models.

The module also locates the UK labour market in the context of productivity, working hours, migration, international competitiveness and employee wellbeing.

- Overview of the Labour Market
- The Demand for Labour
- The Supply of Labour
- Labour Market Equilibrium and the Minimum Wage
- Human Capital: Education and Training
- The Theory of Value and Surplus Value
- Unemployment: an examination from different schools of thought
- Trade Unions: : an examination from different schools of thought
- Immigration, Race and Gender Inequality
- Wage Inequalities and the International Division of Labour



7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Critically examine theoretical and model-based knowledge of international labour markets and its institutions.		
	2	Interpret verbal, graphical and mathematical representation of labour economic ideas and analysis, critiquing the relationship between them.		
	3	Critically analyse and evaluate government policy, using appropriate techniques to enable manipulation, treatment and interpretation of the relevant quantitative and qualitative labour economics data		
	4	Assemble an argument to present a position on a contemporary International labour economic problem.		

8	Module Assessment			
Learning Outcome				
		Coursework	Exam	In-Person
1-4		X		

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (including 12 hours online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



1	Module Title	Industrial Economics
2	Module Credits	20
3	Module Level	6
4	Module Code	QME6041

5 Module Overview

This module offers a comprehensive treatment of the theory and practice of industrial economics (aka Industrial Organisation). It provides an understanding of how a range of theoretical models can be used to explain and predict the behaviour of firms in different types of markets, and how the actions of firms affect household welfare.

In this course students will learn alternative theories of the firm (neoclassical, managerial, behavioural and other approaches). Furthermore, we will explore various types of market structure (with a particular focus on the theory of oligopoly and behaviour of firms in oligopolistic markets), firm strategies regarding pricing, product differentiation, price discrimination, advertising, R&D, mergers, entry deterrence methods, and other decisions a firm needs to make in order to compete successfully in a market.

The module will develop your ability to resolve a variety of business-related questions, problems and dilemmas faced by companies in their everyday operations. It develops transferable skills that enhance your intellectual and personal development (in particular, analytical, data gathering, argumentation and report writing skills). It broadens career opportunities by getting the student ready for work as an economist within a firm, or as a regulator in the government.

The module is a core module on the BA (Hons) Business Economics strand, and an optional for the other Economics programmes. It draws together the economic analysis of business used to inform management and firm strategy.

6 Indicative Content

In this course, students will learn about:

- Various types of market structures and the effect that specific industry characteristics have on firm decisions.
- We will cover models familiar to industrial organisation from competitive markets, oligopolies, and monopolies (for example: Cournot, Bertrand, Stackelberg models, oligopolistic price leadership and kinked demand models).
- Why oligopolistic firms have incentive to collude and why collusive agreements are unstable.
- Firm strategy regarding pricing, product differentiation, advertising, R&D and other decisions.
- Horizontal and vertical integration.
- Market concentration and barriers to entry.
- What strategies a new firm can use to earn profit in an established market and how to protect itself from the entry of potential competitors.



7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1	Interpret industrial economics concepts, theories and models.		
	2	Analyse specific scenarios and solve economic problems using appropriate industrial economics models and mathematical and graphical methods.		
	3	Gather, analyse, and evaluate relevant empirical evidence and build arguments related to development of business strategy and policy recommendations.		

8 Module A	Module Assessment		
Learning			
Outcome			
	Coursework	Exam	In-Person
1, 2, 3		X	
1, 2, 3	X		

9 Breakdown Learning and Teaching Activities		
Learning Activities	Hours	
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36	
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60	
Private Study (PS) includes preparation for exams	104	
Total Study Hours:	200	



1	Money, Banking and Monetary Policy	
2	Module Credits	20
3	Module Level	6
4	Module Code	QME6043

5 Module Overview

As events of the last decade will indicate, money and banking are of paramount importance in their influence on the economics. Indeed, the collapse of various financial institutions triggered significant drops in living standards for a period of time, with lasting effects on government budgets.

The module provides you with an understanding of the issues in the role of money in the economy and the operation of the monetary and financial system and policy by the application of appropriate economic principles, frameworks and analytical techniques. It pursues excellence in aiming to develop a capacity for conceptualising problems, choosing appropriate frameworks and critically analysing relevant issues.

The teaching and learning strategy encourages independent learning and development, reasoning and analysis, the ability to conceptualise problems, create reasoned value judgments and opinions and the ability to solve practical problems, and is hence practice led, knowledge applied. It helps to develop knowledge and skills of the professional economist which are highly sought after on the job market, for example the ability to communicate technical material clearly to a non-specialist audience.

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6	Indicative Content
•	Discussion of the nature of money and banking, and the benefits of studying money and
	banking
•	Financial intermediation and Asymmetric information
•	The theory of financial crises
•	Shadow banking and the financial crisis: part 1
•	Shadow banking and the financial crisis: part 2
•	The financial crisis, regulation and policy responses
•	The nature of a monetary economy and macroeconomic stability part 1
•	The nature of a monetary economy and macroeconomic stability part 2
•	The determination of interest rates
•	Monetary policy part one : money markets and central bank intervention
•	Monetary policy part two : macroeconomic implications
•	Open economy issues, monetary policy and optimum currency areas



7	M	Module Learning Outcomes		
	On successful completion of the module, students will be able to:			
	1	1 Assess the impact of financial regulation and propose regulations to improve the functioning		
		of the banking system.		
	2	2 Critique monetary theories to assess modern monetary and financial issues.		
	3	Compare and assess the functions of different financial institutions, including banks.		
	4	4 Assimilate recent developments in the study of money and banking and communicate them		
		to a non-specialist audience.		

8 Module As	Module Assessment			
Learning Outcome				
Outcome				
	Coursework	Exam	In-Person	
1-2	X			
3-4			X	

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (including 12 hours online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



Module Specification

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Module Summary Information

1	Module Title Advanced Econometrics	
2	Module Credits	20
3	Module Level	6
4	Module Code	QME6044

5 Module Overview

The aim of this module is to provide you with an in-depth understanding and practical knowledge of using applied econometric methods to analyse empirical relationships in economics. The module presents students with a rigorous and practical approach to conducting quantitative analysis of real-world economic problems, from data collection and model design to interpretation of findings and policy recommendations.

Using advanced contemporary methods in econometrics you will be taught how to address the most common challenges of inferential statistical analysis encountered by practitioners in real life. The module expands your analytical toolkit by equipping you with applied analytical skills to use leading statistical software packages, which you are likely to encounter in the workplace. The module builds on the knowledge of econometric theory and analysis taught at Level 5, and requires some basic familiarity with the tools and concepts of econometrics, although it could also be suitable for highly motivated students without prior background in econometrics.

The module develops transferable skills that will enhance your employability and professional development. You will develop strong analytical, communication, and computer skills in a practical way, and be able to apply the knowledge of inferential statistical analysis gained in this module to a variety of contexts that you may encounter in your professional life. You will also learn how to independently design, analyse, and interpret a quantitative research problem from start to finish, and how to effectively communicate your findings to different audiences (specialist and non-specialist).

- Building a research dataset for independent analysis
- Advanced methods for analysing cross-sectional data: developing and interpreting limited dependent variable models
- Advanced methods for analysing time-series data: co-integration, error-correction models, Granger causality test
- Introduction to panel data: features and types of panel data, dealing with missing information
- Panel data methods: fixed- and random-effects estimation, dynamic panel data methods
- Advanced methods for dealing with endogeneity: general method of moments
- Introduction to semi-parametric and non-parametric estimation methods
- Applied inferential analysis of economic datasets using Stata: model selection, interpretation of results, implications for policy



7	Module Learning Outcomes On successful completion of the module, students will be able to:			
	1 Evaluate the applicability of advanced methods in econometrics to analyse empirical			
		relationships in economics		
	2 Select and apply advanced econometric methods to independently design a quantitative			
	study to analyse an empirical research question			
	3 Interpret findings of econometric analysis to evaluate appropriateness of different			
	explanations for the analysed empirical relationships in economics, drawing			
	recommendations for policy			
	4 Critically apply theoretical insights, using statistical software to conduct a quantitative			
		analysis of real-world economic problems		

8 Mod	Module Assessment				
Learning	Learning				
Outcome					
	Coursework	Exam	In-Person		
1, 2, 3, 4	X				

9 Breakdown Learning and	Teaching Activities
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (includes 12 hours of online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200



1	Module Title Real Estate Economics and Financial Bubbles	
2	Module Credits	20
3	Module Level	6
4	Module Code	QME6045

5 Module Overview

Real estate (land and any structures on it) accounts for around half of global wealth. Over the last fifty years investment in real estate has grown massively. At the moment, the diverse activities associated with real estate (e.g. construction, building management, leasing, trading, fund management, finance) together make up a larger fraction of UK GDP than the manufacturing sector. Most recently, the growth of mortgage backed securities, listed real estate firms and the introduction of derivatives based on real estate indices made the industry even more complex. The 2008 Global Financial Crisis and the consequent global recession were directly triggered by the events in the American real estate market. These dramatic events have highlighted the lack of understanding by many professionals of the linkages between the property market and the rest of the economy, which played an important role in the development of this crisis. Apart from this, millions of amateur property investors suffered from negative equity and loss of wealth due to their lack of knowledge of the property cycles and the naïve assumption of ever-increasing property prices. The Real Estate Economics module attempts to close this knowledge gap. It will provide you with practical understanding of how property market operates, what drives property prices and yields, and how to spot signs of approaching booms and busts. You will study various housing market indicators that allow to forecast future property market dynamics. You will investigate property market cycles, see how bubbles form (and burst), and analyse the link between property market, financial market and the rest of the economy.

International context: This module provides you with insight of how international real estate markets operate. You will analyse case studies not only from the UK property market, but from other countries as well, and will understand the differences between property market performance in different parts of the world.

Embedded employability: Special attention will be paid to the practical aspects of property investment. The module offers you practical, real-world knowledge regarding building of how to build wealth through property investment. You will receive intensive hands-on experience of building financial models in Excel. You will learn how to: analyse possible property investment opportunities and choose the best deal; how to raise capital for your project; how to maximise return on your property investment; how to manage your property portfolio and minimise the risks. The module is highly applied and seeks to develop essential transferable skills for a successful career in the real estate sector and in other industries.

- Introduction to real estate and property investment
- Macroeconomic environment and real estate markets
- Property valuation
- Real estate cycles
- Real estate modelling and forecasting
- Property investment and financial analysis
- Real estate finance
- Portfolio management
- Residential property market analysis and market dynamics
- Real estate development practice



7		Module Learning Outcomes On successful completion of the module, students will be able to:		
	1 Analyse and critically evaluate property market dynamics using verbal, mathematical and graphical methods.			
	2 Apply appropriate research methodologies and analytical techniques to solve practical business issues related to property investment			
	 Business leades related to property invocament <			

8	Module Assessment				
Learn	Learning				
Outcome					
		Coursework	Exam	In-Person	
1, 2, 3		Х			

9 Breakdown Learning and Teaching Activities	
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	60 (including 12 hours online delivery)
Private Study (PS) includes preparation for exams	104
Total Study Hours:	200