**University of Huddersfield**

**Programme Specification**

## This document does not form part of the student contract

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| **1.** | **Awarding institution** | University of Huddersfield |
| **2.** | **Teaching institution** | University of Huddersfield |
| **3.** | **School and Department** | Huddersfield Business School  Department of Accounting, Finance and Economics |
| **4.** | **Course accredited by** | N/A |
| **5.** | **Mode of Delivery** | Four Years with Sandwich Placement  Three Years Full-Time |
| **6.** | **Final Award** | Bachelor of Science with Honours (BSc (Hons)) |
| **7.** | **Course Title** | BSc (Hons) Economics (cohorts from Sep 2021 FT BE110/ B137 SW BE110/ B138)  BSc (Hons) Economics with Financial Services (cohorts from Sep 2021 FT BE110/B147 SW BE110/ B145)  BSc (Hons) Business Economics (cohorts from Sep 2021 FT BE110/B191 SW BE110/ B192)  BSc (Hons) Economics and Mathematics (FT BE110/B295 SW BE110/ B294) |
| **8.** | **UCAS Code** | L100, L101, L111 |
| **9.** | **Subject benchmark statement** | The courses have been mapped against the benchmarks for Economics, Finance, Business and Mathematics 2019 |
| **10.** | **Date of Programme Specification Approval** | UVP 17th July 2020 |

**11. Educational Aims of the Course**

The aims of the Economics Suite are to:

1. Provide students with thorough education and training in the fields of economics, finance, business, mathematics and statistics.
2. Prepare students for a career in organisations and institutions, companies, government departments or academia where knowledge of economics, finance, business, mathematics and statistics are required.
3. Develop the ability of students to apply knowledge and understanding of economics and statistics to practice within real world settings.
4. Develop the ability of students to understand the study of economics within the broader context of the business environment.
5. Develop industry-recognised investigative, data analysis, research and statistical skills to understand and model economic, financial and business data in support of decision making. Industry standard databases (such as Bloomberg Professional, Datastream, Federal Reserve Economic Data, industry and central bank provided datasets), which are well recognised and used widely by financial institutions, as well as organisations such as central banks alongside sector leading software packages such as Stata, R and Eviews are embedded within the programmes to help develop key technical skills.
6. Enable students to select from a range of related options to develop their knowledge and skills in current and relevant economics topics including capabilities for economic analysis and decision making, financial analysis and quantitative skills which can be further tailored towards their chosen career path.
7. Enhance lifelong learning skills and personal development so as to be able to work with independence and to contribute to business and society or pursue further study.

**12. Intended Learning Outcomes**

The intended learning outcomes (ILOs) for this course have been developed in the light of the Quality Assurance Agency (QAA) for Higher Education subject benchmark statements (2019) for Economics, Finance, Business and Mathematics and the National Qualifications Framework (FHEQ) (2008).

The intended learning outcomes of the courses also reflect the mission and vision of the University of Huddersfield and Huddersfield Business School. They provide opportunities for students to develop and demonstrate knowledge and understanding, as well as cognitive and generic skills, including transferrable and professional/practice skills in the following areas. Three letters denote different levels of learning according to FHEQ. F: Foundation, I: Intermediate, H: Honours. The learning outcomes apply at the levels specified below and will be developed as the student progresses through their studies.

On completion of the course, students will be able to:

**12.1 Knowledge and Understanding Outcomes**

**K1** Develop and demonstrate awareness and knowledge of economics concepts and principles in macroeconomics, microeconomics, and statistics applied to economics and social sciences. (H/I/F)

**K2** Develop and demonstrate an understanding of quantitative methods using suitable computing techniques and show an appreciation of the contexts in which these techniques and methods are relevant within economics, finance and business. (H/I/F)

**K3** Develop and demonstrate an understanding of economic modelling approaches and be competent in their use, employing relevant economic theory. (H/I/F)

**K4**  Develop and demonstrate an understanding of economic data; evidence and appreciate what methods might be appropriately applied to the analysis of such data. (H/I/F)

**K5** Develop and demonstrate a critical understanding of the way in which economic theories and statistical techniques are applied to contemporary phenomena. (H)

**K6** Develop and demonstrate awareness and knowledge of principles of ethics, sustainability, and responsibility in microeconomics and macroeconomics. (H/I)

**K7** Prepare students for employing formal economic, finance, and business concepts for analysis and decision making, and communicate the same to non-technical audiences. (H/I/F)

The knowledge and understanding outcomes K1-K7 address all courses through 1st year core modules and suite cores in the second and final years. In addition, knowledge and understanding outcomes K8-K14 indicate the distinctive knowledge orientation on the Economics, Economics with Financial Services, Business Economics, and Economics and Mathematics routes within the Economics suite through delivery of course core modules.

**BSc (Hons) Economics**

**K8** Develop and demonstrate awareness and knowledge of the application of microeconomic and macroeconomic theories to the study of further fields in economics, such as international economics, economic history, and behavioural economics. (H/I/F)

**K9** Develop and demonstrate a critical understanding of relevant methodological frameworks and empirical research results using appropriate economic theories, concepts and terminology. (H)

**BSc (Hons) Economics with Financial Services**

**K10** Develop and demonstrate awareness and knowledge of financial services and the economic and institutional factors that underpin this sector. (H/I/F)

**K11** Demonstrate a critical understanding of the impact of uncertainty in the financial markets and the role of monetary policies. (H)

**BSc (Hons) Business Economics**

**K12** Develop and demonstrate an understanding of how businesses operate and how managers make decisions, subject to resource constraints and competing economic objectives. (H/I/F)

**BSc (Hons) Economics and Mathematics**

**K13** Develop and demonstrate a knowledge of pure and applied mathematics, probability and statistical techniques and applications to economic decision making. (H/I/F)

**K14** Study economics and mathematics in depth to develop technical aptitude and skills, enabling a career within areas such as finance, economics and related fields. (H/I/F)

**12.2 Ability Outcomes**

**A15** Application of economic methods of analysis, statistical and econometric skills. (H/I/F)

**A16** Appreciation that many economic problems may admit more than one approach and may have more than one solution. (H/I)

**A17** Analytical and research skills: ability to define and solve problems; ability to collect, interpret, analyse and evaluate data. (H/I/F)

**A18** Quantitative skills: ability to manipulate and interrogate quantitative data. (H/I)

**A19** Qualitative skills: ability to exercise judgement, to weigh evidence, and to develop reasoned argument. (H/I)

**A20** Communicate effectively to influence other stakeholders and decision makers by developing appropriate oral, written, visual and presentational skills. (H/I/F)

**A21** Develop the ability to learn independently and make informed choices using concepts and illustrations from the economics subject area. (H/I/F)

**A22** Critically analyse and evaluate evidence, arguments and assumptions in order to reach sound judgements and communicate appropriate and constructive proposed courses of action. (H)

**A23** Develop skills to work productively given multiple objectives, limited resources and deadlines, in line with core principles of constrained optimisation within economics. (H/I/F)

Appendix 1 maps course level ILOs against modules.

Appendix 2 maps course level ILOs against subject benchmarks.

**13. Course Structures and Requirements, Levels, Modules, Credits and Awards**

**13.1** The BSc Economics Suite groups together four named courses within the Economics discipline: BSc Economics, BSc Economics with Financial Services, BSc Business Economics, and BSc Economics and Mathematics. The organisation into the Suite reflects the common core theoretical underpinning of the courses and also their common management and leadership. Students will enrol on a named course.

All courses are offered as a four-year sandwich degree and three-year full-time degree.

All students are enrolled on the sandwich route as they are encouraged to go on placement. In Term 1 of the second year a pre-placement module is run by the Placement Unit, which enables students to understand the advantages of the placement and how to apply for one.

Those students who opt not to take a placement are transferred to the full-time route at the end of the second year.

**13.2** The course is designed with exit qualifications as follows:

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| **Title of Award** | **Usual Duration of FT Study** | **Academic Credits** |
| Certificate of Higher Education (CertHE)  Economics  Economics with Financial Services  Business Economics  Economics and Mathematics | 1 Year | 120F |
| Diploma of Higher Education (DipHE)  Economics  Economics with Financial Services  Business Economics  Economics and Mathematics | 2 Years | 120F  120I |
| BSc\*  Economics  Economics with Financial Services  Business Economics  Economics and Mathematics | 3 Years / 4 years | 120F  120I  60H |
| BSc (Hons)\*  Economics  Economics with Financial Services  Business Economics  Economics and Mathematics | 3 Years / 4 years | 120F  120I  120H |

\*BSc and BSc Hons awards are available in the sandwich mode for students who successfully complete an additional 120S level credits.

**BSc (Hons) Economics**

**This course is a progression course from ISC – International Foundation Year**

**Year 1** has been designed to introduce the students to key subject areas in economics (microeconomics and macroeconomics) and quantitative techniques for economics and social sciences. Moreover, the Accounting for Managers module aims at introducing the students to aspects of accounting that can help them better understand economic decisions.

In year 1 the students also have the possibility to choose one (20 credits) optional module. They might opt for the Introduction to Financial Services module which is aimed at introducing the students to the financial services industry and its links to the real economy. Alternatively, the students might choose the Project, Supply Chain and Transport Management module offered by the Logistics, Marketing, Hospitality, and Analytics Department. This module provides fundamental understanding of key aspects of transport, logistic and supply chain and their impact on economy, society and environment.

**Year 2** builds on the knowledge and skills developed in the introductory modules in year 1. The main focus of year 2 is to develop degree-specific skills to apply the core knowledge to real-world settings. Specifically, the intermediate microeconomics and macroeconomics modules develop a deeper understanding of modern microeconomic and macroeconomic theories, respectively, and their applications. Moreover, the Econometrics module allows for the application of the statistical knowledge developed in year 1 to real-world data. The core modules also include International Economics and Globalisation and Economic History. The aim of the International Economics and Globalisation module is to help the students familiarise with different perspectives of international trade and international finance. Differently, the purpose of the Economic History module is to introduce the students to the study of the historical development of the economies.

In year 2 the students will also have the possibility to choose one (20 credits) optional module. The year 2 optional modules include Applied Business Economics, Passenger Transport Management and Sustainable Aviation Management. The Applied Business Economics module focuses on the analysis of applied economic issues particularly relevant in the business context. Differently, the Passenger Transport Management and Sustainable Aviation Management modules, offered by the Logistics, Marketing, Hospitality, and Analytics Department, develop the studies of transport management.

The **placement year** gives students an opportunity to integrate their learning experiences in the first two years and apply them in a real-world environment. Students must have passed all their second-year modules to take the placement module.

The **final year** builds on the knowledge and skills developed in the previous years of study. The core modules include Applied Econometrics which allows for the application of the statistical knowledge developed in years 1 and 2 to contemporary economic phenomena. Students also undertake a Dissertation module which develops their ability to work independently on an area of individual interest. The final year core modules also include Decision Science and Climate Economics and Finance. The Decision Science module develops the study of decision-making and behavioural economics theories. Differently, the Climate Economics and Finance module offers the opportunities to explore environmental economics issues and evaluate the impact of climate change on the economy and business organisations.

In the final year the students also have the possibility to choose one (20 credits) optional module. The options include Industrial Economics and Mobility Economics and Policy. The Industrial Economics module develops a deeper understanding of firms, industries, and markets. Differently, the Mobility Economics and Policy module, offered by the Logistics, Marketing, Hospitality, and Analytics Department, focuses on contemporary transport problems with a particular interest on economic considerations.

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| **Year 1 Foundation Level** | | | | | | | | | | | | | | |
| **Term 1** | | | | | | **Term 2** | | | | | | | | |
| BFE0020  Introduction  to  Microeconomics  20 Credits | BFE0022  Statistics  for  Social Sciences  20 Credits | | | **1x Optional Module** | | BFA0002  Accounting  for Managers  20 Credits | | | | BFE0021  Mathematics  for  Social Sciences  20 Credits | | | | BFE0019  Introduction  to Macroeconomics  20 Credits |
| **Year 2 Intermediate Level** | | | | | | | | | | | | | | |
| **Term 1** | | | | | **Year Long** | | | | **Term 2** | | | | | |
| BIE0012  Economic  History  20 Credits | | BIE0008  Intermediate  Microeconomics  20 Credits | | | BIE0014  Econometrics  20 Credits | | BIE0016  International Economics  and  Globalisation  20 Credits | | BIE0011  Intermediate  Macroeconomics  20 Credits | | | 1 x Optional Module | | |
| **Optional Placement year (BSS0001 Placement Module OR BSS0002 Enterprise Placement)** | | | | | | | | | | | | | | |
| **Final year Honours Level** | | | | | | | | | | | | | | |
| **Term 1** | | | **Year-Long** | | | | | | | **Term 2** | | | | |
| BHA0028  Climate Economics and Finance  20 Credits | | | BHS0029  Undergraduate Dissertation  40 Credits | | | | | BHE0013  Applied Econometrics  20 Credits | | | BHE0014  Decision Science  20 Credits | | 1x Optional Module | |

**Year 1 Options**

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| Students can pick one option. | | |
| BFE0012 | Introduction to Financial Services | 20 Credits |
| BFT1022 | PROSPECT | 20 Credits |

**Year 2 Options**

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| BIE0013 | Applied Business Economics | 20 Credits |
| BIT2024 | Sustainable Aviation Management | 20 Credits |

**Optional Placement Year 3 - Core**

BSS0001 Placement 120

BSS0002 Enterprise placement 120

**Final Year Options**

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| BHE0010 | Industrial Economics | 20 Credits |
| BHT4024 | Mobility Economics and Policy | 20 Credits |

**Economics with Financial Services**

**This course is a progression course from ISC – International Foundation Year**

**Year 1** has been designed to introduce the students to key subject areas in economics (microeconomics and macroeconomics) and quantitative techniques for economics and social sciences. The core modules also include two finance modules. The Introduction to Financial Services module is aimed at introducing the students to the financial services industry and its links to the real economy. This module also provides an understanding of the main types of financial products. Differently, the Financial Fluency and Legal Environment module introduces the students to key areas in both financial and legal aspects of business.

**Year 2** builds on the knowledge and skills developed in the introductory modules in year 1. The main focus of year 2 is to develop degree-specific skills to apply the core knowledge to real-world settings. Specifically, the intermediate microeconomics and macroeconomics modules develop a deeper understanding of modern microeconomic and macroeconomic theories, respectively, and their applications. Moreover, the Econometrics module allows for the application of the statistical knowledge developed in year 1 to real-world data. The core Banking with Financial Markets module develops the analysis of contemporary issues in banking and capital markets. The year 2 core modules also include International Economics and Globalisation and Economic History. The aim of the International Economics and Globalisation module is to help the students familiarise with different perspectives of international finance and international trade. Differently, the purpose of the Economic History module is to introduce the students to the study of the historical development of the economies.

The **placement year** gives students an opportunity to integrate their learning experiences in the first two years and apply them in a real-world environment.

The **final year** builds on the knowledge and skills developed in the previous years of study. The core modules include Applied Econometrics which allows for the application of the statistical knowledge developed in years 1 and 2 to contemporary economic and financial phenomena. Students also undertake a Dissertation module which develops their ability to work independently on an area of individual interest. The core Monetary and Financial Framework module deeply examines contemporary issues in monetary policy and international finance. The final year core modules also include Global Financial Management and Climate Economics and Finance. The Global Financial Management module develops the study of decision-making and behavioural economics theories thereby introducing students to different finance, accounting and economics related dimensions of multinational financial management. Differently, the Climate Economics and Finance module offers the opportunities to explore environmental economics issues and evaluate the impact of climate change on the economy and business organisations.

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| **Year 1 Foundation Level** | | | | | | | | | | | | | |
| **Term 1** | | | | | | | **Term 2** | | | | | | |
| BFE0020 Introduction to Micro-  Economics  20 Credits | | | BFE0022  Statistics  for  Social Sciences  20 Credits | | | BFE0012  Introduction to Financial Services  20 Credits | BFA0080  Financial Fluency and Legal Environment  20 Credits | | | BFE0021  Mathematics  for  Social Sciences  20 Credits | | BFE0019 Introduction to Macro-  Economics  20 Credits | |
| **Year 2 Intermediate Level** | | | | | | | | | | | | | |
| **Term 1** | | | | **Year Long** | | | | | | | **Term 2** | | |
| BIE0012  Economic  History  20 Credits | BIE0008  Intermediate  Microeconomics  20 Credits | | | BIE0014  Econometrics  20 Credits | | | | BIE0016  International Economics  and  Globalisation  20 Credits | | | BIE0011  Intermediate  Macroeconomics  20 Credits | | BIE0015  Banking with Financial Markets  20 Credits |
| **Optional Placement year (BSS0001 Placement Module OR BSS0002 Enterprise Placement)** | | | | | | | | | | | | | |
| **Final year Honours Level** | | | | | | | | | | | | | |
| **Term 1** | | | | | **Year Long** | | | | | | **Term 2** | | |
| BHA0028  Climate Economics and Finance  20 Credits | | BHE0007  Monetary and Financial Framework  20 Credits | | | BHS0029  Undergraduate Dissertation  40 Credits | | | | BHE0013  Applied Econometrics  20 Credits | | BHA0036  Global Financial Management 20 Credits | | |

**Optional Placement Year 3 - Core**

BSS0001 Placement 120

BSS0002 Enterprise placement 120

**Business Economics**

**Year 1** has been designed to introduce the students to key subject areas in economics (microeconomics and macroeconomics) and quantitative techniques for economics and social sciences. The core modules also include Understanding Business Analytics. This module is offered by the Logistics, Marketing, Hospitality, and Analytics Department and aims at introducing the students to the study of different analytical methods and their application within the business context.

In year 1 the students also have the possibility to choose one (20 credits) optional module. They might opt for the Financial Fluency and Legal Environment module which introduces the students to key areas in both financial and legal aspects of business. Alternatively, they might choose the Introduction to Financial Services module which is aimed at introducing the students to the financial services industry and its links to the real economy.

**Year 2** builds on the knowledge and skills developed in the introductory modules in year 1. The main focus of year 2 is to develop degree-specific skills to apply the core knowledge to real-world settings. Specifically, the intermediate microeconomics and macroeconomics modules develop a deeper understanding of modern microeconomic and macroeconomic theories, respectively, and their applications. Moreover, the Econometrics module allows for the application of the statistical knowledge developed in year 1 to real-world data. The core modules also include Applied Business Economics and International Economics and Globalisation. The Applied Business Economics module focuses on the analysis of applied economic issues particularly relevant in the business context. This module aims at exploring key aspects of industrial organization, economics of strategy and organizational architecture. Differently, the aim of the International Economics and Globalisation module is to help the students familiarise with different perspectives of international trade and international finance.

In year 2 the students will also have the possibility to choose one (20 credits) optional module. The year 2 optional modules include Business Creation and Development and Leadership Theory and Practice, both offered by the Department of Management. The Business Creation and Development module introduces the students to the theory and practices that inform and enable business start-up and small enterprise development. Differently, the Leadership Theory and Practice module is designed to provide students with an understanding of the challenges faced by those involved in leading organisations.

The **placement year** gives students an opportunity to integrate their learning experiences in the first two years and apply them in a real-world environment.

The **final year** builds on the knowledge and skills developed in the previous years of study. The core modules include Applied Econometrics which allows for the application of the statistical knowledge developed in years 1 and 2 to contemporary economic and business phenomena. Students also undertake a Dissertation module which develops their ability to work independently on an area of individual interest. The final year core modules also include Decision Science and Climate Economics and Finance. The Decision Science module develops the study of decision-making and behavioural economics theories. Differently, the Climate Economics and Finance module offers the opportunities to explore environmental economics issues and evaluate the impact of climate change on the economy and business organisations.

In the final year the students also have the possibility to choose one (20 credits) optional module. The options include Industrial Economics, Managing Across Cultures and Advances in Leadership. The Industrial Economics module develops a deeper understanding of firms, industries, and markets. Differently, the Managing Across Cultures module, offered by the Department of Management, explores how culture affects business and management. Alternatively, the Advances in Leadership module, also offered by the Department of Management, is designed to offer students an advance course in leadership.

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| **Year 1 Foundation Level** | | | | | | |
| **Term 1** | | | **Term 2** | | |
| BFE0020 Introduction to Micro-  Economics  20 Credits | BFE0022  Statistics  for  Social Sciences  20 Credits | **1x Optional Module** | BFD0003  Understanding Business Analytics  20 Credits | BFE0021  Mathematics  for  Social Sciences  20 Credits | BFE0019 Introduction to Macro-  Economics  20 Credits | |
| **Year 2 Intermediate Level** | | | | | | |

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| **Term 1** | | **Year-Long** | | **Term 2** | | | |
| **1x Optional Module** | BIE0008  Intermediate  Microeconomics  20 Credits | BIE0014  Econometrics  20 Credits | BIE0016  International Economics and Globalisation  20 Credits | BIE0013  Applied Business Economics  20 Credits | | BIE0011  Intermediate  Macroeconomics  20 Credits | |
| **Optional Placement year (BSS0001 Placement Module OR BSS0002 Enterprise Placement)** | | | | | | | | |
| **Final year Honours Level** | | | | | | | | |
| **Term 1** | | **Year Long** | | | **Term 2** | | | |
| BHA0028  Climate Economics and Finance  20 Credits | | BHS0029  Undergraduate Dissertation  40 Credits | BHE0013  Applied Econometrics  20 Credits | | BHE0014  Decision Science  20 Credits | | 1 x Optional Module | |

**Year 1 Options – Students will choose 1 option**

**Term 1 Option Module**

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| --- | --- | --- |
| BFE0012 | Introduction to Financial Services | 20 Credits |
| BFS1003 | Understanding Global Dynamics | 20 Credits |

**Year 2 Options**

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| BIO0258 | Leadership Theory and Practice | 20 Credits |
| BIO0261 | Business Creation and Development | 20 Credits |

**Optional Placement Year 3 – Core**

BSS0001 Placement 120

BSS0002 Enterprise placement 120

**Final Year Options – Term 2**

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| --- | --- | --- |
| BHE0010 | Industrial Economics | 20 Credits |
| BHK0015 | Marketing for Small Business | 20 Credits |
| BHS0037 | Managing Across Cultures | 20 Credits |
| BHO0269 | Advances in Leadership | 20 Credits |

**Economics and Mathematics**

**Year 1** has been designed to introduce the students to key subject areas in economics, mathematics and statistics. The core economics modules are Introduction to Microeconomics and Introduction to Macroeconomics. The students will also follow a wide set of quantitative methods modules offered by the Computing and Engineering School. The quantitative core modules are Calculus, Linear Algebra, Probability Theory and Statistical Analysis.

In year 1 the students also have the possibility to choose one (20 credits) optional module. They might opt for the Introduction to Financial Services module, offered by the Accounting, Finance and Economics Department, which is aimed at introducing the students to the financial services industry and its links to the real economy. Alternatively, the students might choose the Accounting for Managers module, also offered by the Accounting, Finance and Economics Department, which aims at introducing the students to aspects of accounting that can help them better understand economic decisions.

**Year 2** builds on the knowledge and skills developed in the introductory modules in year 1. The main focus of year 2 is to develop degree-specific skills to apply the core knowledge to real-world settings. Specifically, the intermediate microeconomics and macroeconomics modules develop a deeper understanding of modern microeconomic and macroeconomic theories, respectively, and their applications. The quantitative core modules include the Advanced Statistical Methods module. This module focuses on a range of statistical techniques which can be used to help solve real-life problems involving analysis of data and interpretation of the results.

In year 2 the students will also have the possibility to choose one (20 credits) economics optional module. The year 2 options are Applied Business Economics, International Economics and Globalisation and Economic History. The Applied Business Economics module focuses on the analysis of applied economic issues particularly relevant in the business context. Differently, the aim of the International Economics and Globalisation module is to help the students familiarise with different perspectives of international trade and international finance. Alternatively, the purpose of the Economic History module is to introduce the students to the study of the historical development of the economies.

The **placement year** gives students an opportunity to integrate their learning experiences in the first two years and apply them in a real-world environment.

The **final year** builds on the knowledge and skills developed in the previous years of study. The core modules include Big Data Analytics and Applied Econometrics. The Big Data Analytics module is offered by the Computing and Engineering School and provides the students with the opportunity to deeply explore large dataset and big data analytical systems. The core modules include Applied Econometrics which allows for the application of the statistical knowledge developed in Years 1 and 2 to contemporary economics phenomena. Students also undertake a Dissertation which develops their ability to work independently on an area of individual interest.

The final year optional economics modules are Decision Science, Climate Economics and Finance, and Industrial Economics. The Decision Science module develops the study of decision-making and behavioural economics theories. Differently, the Climate Economics and Finance module offers the opportunities to explore environmental economics issues and evaluate the impact of climate change on the economy and business organisations. Alternatively, the Industrial Economics module develops a deeper understanding of firms, industries, and markets.

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| **Year 1 Foundation Level** | | | | | |
| **Term 1** | | | **Term 2** | | |
| CFM2106  Probability Theory and Statistical Analysis  20 Credits | CFM2102  Calculus  20 Credits | BFE0020  Introduction  to  Microeconomics  20 Credits | BFE0019  Introduction  to Macroeconomics  20 Credits | CFM2105  Linear Algebra  20 Credits | x1 option available, which can be chosen in either Term 1 or Term 2 |

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| **Year 2 Intermediate Level** | | | | | |
| **Term 1** | | | **Term 2** | | |
| 1x Optional Module | BIE0008  Intermediate  Microeconomics  20 Credits | CIM2201  Real Analysis  20 Credits | CIM2202  Mathematical Methods and Modelling  20 Credits | CIM2203  Advanced Statistical Methods  20 Credits | BIE0011  Intermediate  Macroeconomics  20 Credits |
| **Optional Placement year (BSS0001 Placement Module OR BSS0002 Enterprise Placement)** | | | | | |

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| **Final year Honours Level** | | | | |
| **Term 1** | | **Year-Long** | | **Term 2** |
| 1x Optional Module | CHM2403  Big Data Analytics  20 Credits | BHS0029  Undergraduate  Dissertation  40 Credits | BHE0013  Applied Econometrics  20 Credits | CHM2401  Applied Data Analysis  20 Credits |

**Year 1 Optional Modules Students will choose 1 option from either term 1, term 2 or year long**

**Year 1 - Term 1 Option**

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| BFE0012 | Introduction to Financial Services | 20 Credits |

**Year 1 - Term 2 Option**

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| BFA0002 | Accounting for Managers | 20 Credits |

**Optional Placement Year 3 - Core**

BSS0001 Placement 120

BSS0002 Enterprise placement 120

**Year 2 Options**

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| --- | --- | --- |
| BIE0016 | International Economics and Globalisation – Year Long | 20 Credits |
| BIE0012 | Economic History | 20 Credits |

**Final Year Options**

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| --- | --- | --- |
| BHE0007 | Monetary and Financial Framework | 20 Credits |
| BHA0028 | Climate Economics and Finance | 20 Credits |

**Industry standard/ professional skills across the Economics Suite:** In the second year, a number of applied modules across the Economics Suite such as Econometrics make extensive use of industry standard resources such as Bloomberg Professional, Datastream, World Bank Open Data, and Federal Reserve Economic Data. Students learn to carry out econometric, statistical and policy analysis which enables them to develop core analytical skills and become proficient in capabilities which are well recognised and valued within industry, and used extensively by professional economists.

The final year continues to build on capabilities developed during the second year across the Economics Suite by enabling further skills development through modules such as Applied Econometrics where students develop competencies in analysis of ‘real’ data including time series and panel data, using software such as R, Stata and Eviews. Such methods and applications are widely used by professional economists and applied within industry, and are well recognised as such.

**13.3 Attendance**

All students are expected to attend all timetabled teaching sessions and to be available during all term time weeks in line with the University’s Attendance Monitoring Policy.

**14. Teaching, Learning and Assessment**

**14.1** Teaching, learning and assessment are designed to offer students a variety of learning and assessment opportunities that align with their module learning outcomes and offer realistic and effective preparation for progression in a wide variety of professions in public organizations as well as in the services and manufacturing sectors. They aim to be inclusive of diversity, to allow students to actively engage in learning and be successfully assessed in a variety of ways.

**14.2** An induction programme will be held at the beginning of the course to orientate the students towards studying in an HE context.

**14.3** Students will be exposed to a range of pedagogical approaches, combined in ways thought to be most appropriate by the subject specialists delivering the modules. Such approaches will include a range of teaching and assessment methods aimed to achieve the outcomes specified in Section 12. These will include, for example, lectures, seminars, tutorials, workshops, computer aided learning packages, case study analysis and directed study. Use will be made of VLE and other e-learning online platforms where appropriate. Students will have the opportunity to develop their IT skills through the use of specialist software packages, appropriate to the nature of the subject area.

**14.4** Formative assessment will be provided in all modules, as appropriate to the subject matter, to allow students to gain tutor feedback on their work before formal summative assessment takes place.

**14.5** Assessment aims to support learning and to measure achievement. Assessment methods are described in each module specification and module guide. All learning outcomes in a module are assessed and the mode of assessment is specified for each outcome. Assessment methods may include: seen and unseen examinations, In-Class tests, MCQs, Individual assignments, reports, verbal presentations, group projects, computer-based assessment, database creation, and case studies. The nature of the assessment varies from module to module, and mirrors the modes of communication expected of professionals in this field e.g. report writing, presentations, case studies and use of digital technologies. Details of module assessment are provided in the module specification documents available on the School’s Module Guide on the University’s Intranet site. <http://halo.hud.ac.uk/moduleguides/>

Appendix 3 maps assessment activities against modules.

**14.6** Personal Development Planning (PDP) is integrated into the course. Learning Development components are embedded in core modules within the course with additional support from the Academic Librarian. Full use is made of the University’s Careers and Employment Services to support students’ career related development. The PDP process will be supported via the personal tutor system. To record and audit PDP, students will be encouraged to develop a portfolio.

Appendix 4 maps PDP activities against modules.

**15. Support for Students and their Learning**

**15.1** Support for students undertaking this course operates at University, School and Course level as follows:

**15.2 University Level**

The University of Huddersfield provides a range of central facilities to support students and course tutors refer students as appropriate.

The main facilities are as follows:

The Library (library and computing facilities) provides induction and ongoing support for all students.

<https://library.hud.ac.uk/>

Student Services provides specialist advice in the areas of careers advice, pastoral care and chaplaincy, day care nursery, counselling, accommodation and welfare, financial support, disability support, a shop for part-time work, sports facilities etc.”

<http://www.hud.ac.uk/wellbeing-disability-services/disabilityservices/>

<http://www.hud.ac.uk/wellbeing-disability-services/wellbeing//>

<https://students.hud.ac.uk/help/faith/>

<https://www.hud.ac.uk/uni-life/accommodation/>

<http://students.hud.ac.uk/careers>

The International Office provides help and support for all overseas students.

<https://www.hud.ac.uk/international/>

**15.3 School level:**

This course is run from Huddersfield Business School which has a dedicated Learning Innovation and Development Centre. The Learning Innovation and Development Centre (LIDC) provides students with support in understanding and using information and resources around their course and modules. The LIDC supports students’ understanding, helping them to follow assignment briefs and manage time & processes to produce work efficiently and effectively. In addition to this the LIDC also supports students in their oral presentations and writing, using academic business English in a professional manner. In addition the LIDC team may also refer students for specialist support and assessment e.g. for dyslexia.

In line with the Equality Act 2010 the School will make reasonable adjustments in order that disabled students can fully access their course. The University's Disability Support Service provides information and advice to disabled students about the support available and liaises with members of staff on disability related issues.

A peer mentoring scheme operates in the Business School and students are offered the opportunity to participate in this either as a mentor or mentee.

In addition to the peer mentoring scheme the Business School operates a Personal Academic Tutor System (PATS) which gives all students timetabled hours with their personal tutor. This system is designed to give students academic and pastoral support.

**15.4 Course level:**

All students have a personal tutor for pastoral and academic support. The course leader is also available for academic support, as are seminar tutors and module leaders. All members of staff have clearly advertised office hours when students are encouraged to seek any help they need.

There is an Induction programme which introduces staff and services within the University including the Learning Development team.

Details of academic and personal support within the School and University are listed in the Student handbook.

**16. Criteria for Admission**

The University’s policy for Admissions is outlined in Section D of the regulations of Awards Handbook <https://www.hud.ac.uk/policies/registry/awards-taught/section-d/>

In addition to the standard University requirements, candidates must meet the following criteria for admission:

* A pass at GCSE at or above grade C (or equivalent) in English
* A pass at GCSE at or above grade B (or equivalent) in Mathematics
* A pass at A-level Mathematics (for BSc Economics and Maths)

Direct entry onto the second or final year of the programme would be possible for suitably qualified applicants.

Mature students are considered on an individual basis.

The University provides opportunities for the accreditation of prior learning (APL) as stated at the following link: <https://www.hud.ac.uk/policies/registry/awards-taught/section-c/>

The University of Huddersfield seeks and encourages applicants in order to widen participation, improve access and apply the principles of equal opportunities. The University welcomes applications from all potential students and applications are considered based on a combination of formal academic qualifications and other relevant experience. For example, applications from mature students would duly consider their past learning and other relevant experience. We provide support for applicants who require additional assistance in order to select the right course of study and make a successful transition to studying at University. We encourage local, national and international applications. Further information for International Students can be found on:

<http://www.hud.ac.uk/international>

If you were educated outside the UK, you are required to have International English Language Testing System (IELTS) at a score of 6.0 with a minimum score of 6.0 in writing and a minimum of 5.5 in any single component. If you have alternative qualifications or do not meet the IELTS requirement we also offer a range of Pre-Sessional English Programmes.

**17. Methods for Evaluating and Improving the Quality and Standards of Teaching and Learning**

**17.1** Quality assurance procedures at University level include:

* external examiner system
* annual evaluation system

**17.2** Quality assurance procedures at School level include:

* course and module evaluation,
* questionnaires,
* regular student panels
* student representation on committees

**17.3** Full details of the methods for evaluating and improving the quality and standards of learning and teaching can be found in the University of Huddersfield’s Quality Assurance Procedures for Taught Courses handbook. This can be viewed online at <https://www.hud.ac.uk/policies/registry/qa-procedures/>

**17.4** The methods for the validation and annual evaluation of courses, including those validated by external bodies, and for the review of teaching and research and of academic support services are specified in the University’s Quality Assurance Procedures for Taught Courses which can be found on the Registry website as follows:

<https://www.hud.ac.uk/policies/registry/qa-procedures/>

**17.5** The School is committed to comprehensive student engagement and works actively with the University of Huddersfield Student Union to support this through the student representative system.

**17.6** Within the School students are represented at committee level from Student Panels to the School Board. The School also has a Student Council. Individual feedback on the quality and standards of teaching and learning is received through module and course evaluations.

**17.7** An effective external examination system is managed by Registry and all reports are viewed at University, School and course levels. External examiner and student feedback, as well as all statistical data about the course, is reported through the course committee structure and scrutinised through the University wide annual evaluation process.

**18. Regulation of Assessment**

**18.1** University awards are regulated by the ‘Regulations for Awards’ on the Registry website as follows:

<https://www.hud.ac.uk/policies/registry/awards-taught/>

and the ‘Regulations for Taught Students’ on the Registry website as follows:

<http://www.hud.ac.uk/registry/regulationsandpolicies/studentregs/>

**19. Indicators of Quality and Standards**

Full details of the methods of evaluating and improving the quality and standards of learning and teaching can be found in the University of Huddersfield’s Quality Assurance Procedures for Taught Courses Handbook:

<https://www.hud.ac.uk/policies/registry/qa-procedures/>

Further information about the University of Huddersfield can be found on the website: [www.hud.ac.uk](http://www.hud.ac.uk)

**19.1** This programme specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of each module can be found in the study module guide and course handbook.

**APPENDICES**

|  |  |
| --- | --- |
| **Appendix 1** | Mapping of course learning outcomes to modules |
| **Appendix 2** | Mapping of QAA Subject benchmark statements to course learning outcomes |
| **Appendix 3** | PDP Mapping |
| **Appendix 4** | Mapping of module assessments |
| **Appendix 5** | CAB Model |
| **Appendix 6** | Specification of modules by subdiscipline, for the Economics with Financial Services degree and the Economics and Mathematics degree |

**Appendix 1: Course Learning Outcomes / Core Modules**

**1.1 Economics**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***K1*** | ***K2*** | ***K3*** | ***K4*** | ***K5*** | ***K6*** | ***K7*** | ***K8*** | ***K9*** | ***A15*** | ***A16*** | ***A17*** | ***A18*** | ***A19*** | ***A20*** | ***A21*** | ***A22*** | ***A23*** |
| ***Accounting for Managers***  ***BFA0002*** |  |  |  |  |  |  | ***X*** |  |  |  |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Introduction to Macroeconomics***  ***BFE0019*** | ***X*** |  | ***X*** |  |  |  | ***X*** | ***X*** |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Introduction to***  ***Microeconomics***  ***BFE0020*** | ***X*** |  | ***X*** |  |  |  | ***X*** | ***X*** |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Mathematics***  ***for***  ***Social Sciences***  ***BFE0021*** | ***X*** | ***X*** | ***X*** |  |  |  |  |  |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Statistics***  ***for***  ***Social Sciences***  ***BFE0022*** | ***X*** | ***X*** | ***X*** | ***X*** |  |  | ***X*** |  |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Intermediate***  ***Microeconomics***  ***BIE0008*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***International Economics***  ***and***  ***Globalisation***  ***BIE0016*** | ***X*** |  | ***X*** |  |  |  | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Intermediate***  ***Macroeconomics***  ***BIE0011*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Economic History***  ***BIE0012*** | ***X*** |  |  |  |  |  | ***X*** | ***X*** |  |  |  | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Econometrics***  ***BIE0014*** | ***X*** | ***X*** | ***X*** | ***X*** |  |  | ***X*** |  |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Applied Econometrics***  ***BHE0013*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Decision Science***  ***BHE0014*** | ***X*** |  | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Climate***  ***Economics and***  ***Finance***  ***BHA0028*** | ***X*** |  |  |  | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Undergraduate***  ***Dissertation***  ***BHS0029*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |

**1.2 Economics with Financial Services**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***K1*** | ***K2*** | ***K3*** | ***K4*** | ***K5*** | ***K6*** | ***K7*** | ***K10*** | ***K11*** | ***A15*** | ***A16*** | ***A17*** | ***A18*** | ***A19*** | ***A20*** | ***A21*** | ***A22*** | ***A23*** |
| ***Financial Fluency and Legal Environment***  ***BFA0080*** |  |  |  |  |  |  | ***X*** | ***X*** |  |  |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Introduction to Financial Services***  ***BFE0012*** |  |  |  |  |  |  | ***X*** | ***X*** |  |  |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Introduction to Macroeconomics***  ***BFE0019*** | ***X*** |  | ***X*** |  |  |  | ***X*** |  |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Introduction to***  ***Microeconomics***  ***BFE0020*** | ***X*** |  | ***X*** |  |  |  | ***X*** |  |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Mathematics***  ***for***  ***Social Sciences***  ***BFE0021*** | ***X*** | ***X*** | ***X*** |  |  |  |  |  |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Statistics***  ***for***  ***Social Sciences***  ***BFE0022*** | ***X*** | ***X*** | ***X*** | ***X*** |  |  | ***X*** |  |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Banking with Financial Markets***  ***BIE0015*** |  |  |  |  |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Intermediate***  ***Microeconomics***  ***BIE0008*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***International Economics***  ***and***  ***Globalisation***  ***BIE0016*** | ***X*** |  | ***X*** |  |  |  | ***X*** |  |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Intermediate***  ***Macroeconomics***  ***BIE0011*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Economic History***  ***BIE0012*** | ***X*** |  |  |  |  |  | ***X*** |  |  |  |  | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Econometrics***  ***BIE0014*** | ***X*** | ***X*** | ***X*** | ***X*** |  |  | ***X*** |  |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Monetary and Financial Framework***  ***BHE0007*** |  |  |  |  |  |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Applied Econometrics***  ***BHE0013*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Global Financial Management***  ***BHA0036*** |  |  |  |  | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Climate***  ***Economics and***  ***Finance***  ***BHA0028*** | ***X*** |  |  |  | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Undergraduate***  ***Dissertation***  ***BHS0029*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |

**1.3 Business Economics**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***K1*** | ***K2*** | ***K3*** | ***K4*** | ***K5*** | ***K6*** | ***K7*** | ***K12*** | ***A15*** | ***A16*** | ***A17*** | ***A18*** | ***A19*** | ***A20*** | ***A21*** | ***A22*** | ***A23*** |
| ***Understanding***  ***Business Analytics***  ***BFD0003*** |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Introduction to Macroeconomics***  ***BFE0019*** | ***X*** |  | ***X*** |  |  |  | ***X*** |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Introduction to***  ***Microeconomics***  ***BFE0020*** | ***X*** |  | ***X*** |  |  |  | ***X*** |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Mathematics***  ***for***  ***Social Sciences***  ***BFE0021*** | ***X*** | ***X*** | ***X*** |  |  |  |  |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Statistics***  ***for***  ***Social Sciences***  ***BFE0022*** | ***X*** | ***X*** | ***X*** | ***X*** |  |  | ***X*** |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Applied Business***  ***Economics***  ***BIE0013*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Intermediate***  ***Microeconomics***  ***BIE0008*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***International Economics***  ***And Globalisation***  ***BIE0016*** | ***X*** |  | ***X*** |  |  |  | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Intermediate***  ***Macroeconomics***  ***BIE0011*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Econometrics***  ***BIE0014*** | ***X*** | ***X*** | ***X*** | ***X*** |  |  | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Applied Econometrics***  ***BHE0013*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Decision Science***  ***BHE0014*** | ***X*** |  | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Climate***  ***Economics and***  ***Finance***  ***BHA0028*** | ***X*** |  |  |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Undergraduate Dissertation***  ***BHS0029*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |

**1.4 Economics and Mathematics**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | ***K1*** | ***K2*** | ***K3*** | ***K4*** | ***K5*** | ***K6*** | ***K7*** | ***K13*** | ***K14*** | ***A15*** | ***A16*** | ***A17*** | ***A18*** | ***A19*** | ***A20*** | ***A21*** | ***A22*** | ***A23*** |
| ***Introduction to Macroeconomics***  ***BFE0019*** | ***X*** |  | ***X*** |  |  |  | ***X*** |  |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Introduction to***  ***Microeconomics***  ***BFE0020*** | ***X*** |  | ***X*** |  |  |  | ***X*** |  |  | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Calculus***  ***CFM2102*** |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Linear Algebra***  ***CFM2105*** |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Probability Theory and***  ***Statistical Analysis***  ***CFM2106*** |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** |
| ***Intermediate***  ***Microeconomics***  ***BIE0008*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Intermediate***  ***Macroeconomics***  ***BIE0011*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** |
| ***Mathematical Methods***  ***and Modelling***  ***CIM2202*** |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** | ***X*** |  | ***X*** |
| ***Real Analysis***  ***CIM2201*** |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** | ***X*** |  | ***X*** |
| ***Advanced Statistical Methods***  ***CIM2203*** |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** | ***X*** |  | ***X*** |
| ***Applied Econometrics***  ***BHE0013*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** |  |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Undergraduate Dissertation***  ***BHS0029*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Applied Data Analysis***  ***CHM2401*** |  |  |  |  | ***X*** |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** |
| ***Big Data Analytics***  ***CHM2403*** |  |  |  |  | ***X*** |  |  | ***X*** | ***X*** |  |  | ***X*** | ***X*** |  | ***X*** | ***X*** | ***X*** | ***X*** |

**Appendix 2: Mapping of QAA Subject benchmark statements to course learning outcomes**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | ***K1*** | ***K2*** | ***K3*** | ***K4*** | ***K5*** | ***K6*** | ***K7*** | ***K8*** | ***K9*** | ***K10*** | ***K11*** | ***K12*** | ***K13*** | ***K14*** | ***A15*** | ***A16*** | ***A17*** | ***A18*** | ***A19*** | ***A20*** | ***A21*** | ***A22*** | ***A23*** |
| ***Knowledge and***  ***Understanding*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **ECONOMICS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding economic concepts, principles and tools*** | ***X*** |  |  |  |  | ***X*** | ***X*** | ***X*** | ***X*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding economic policies at both the macroeconomic and microeconomic levels*** | ***X*** |  |  |  | ***X*** |  | ***X*** | ***X*** | ***X*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding analytical methods and different methodological approaches*** |  |  | ***X*** |  |  |  |  | ***X*** | ***X*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding relevant quantitative methods and computing techniques (mathematics, statistics, and econometrics)*** |  | ***X*** | ***X*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding the use of quantitative techniques on economic, financial or social data, using statistical or econometric software*** |  | ***X*** | ***X*** | ***X*** | ***X*** |  |  |  | ***X*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding the nature, sources and uses of both quantitative and qualitative data*** |  |  |  | ***X*** | ***X*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding how to apply relevant economic principles and reasoning to a variety of topics*** | ***X*** | ***X*** |  |  | ***X*** |  |  | ***X*** | ***X*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **FINANCE** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding the nature of the contexts in which finance operates*** |  |  |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding the role, operation and function of markets and financial institutions*** |  |  |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  |  |  |  |  |  |  |  |  |  |  |
| **BUSINESS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding the business environment in which organisations operate*** |  |  |  |  |  |  |  |  |  |  |  | ***X*** |  |  |  |  |  |  |  |  |  |  |  |
| **MATHEMATICS** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Understanding methods, techniques and results from a range of major areas of mathematics and statistics*** |  |  |  |  |  |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  |  |  |  |  |  |  |  |
| ***Ability*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Ability to apply analytical methods, both theory and model-based*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ***X*** |  | ***X*** | ***X*** |  |  |  |  | ***X*** |
| ***Ability to use mathematical and statistical techniques*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ***X*** |  | ***X*** | ***X*** |  |  | ***X*** |  | ***X*** |
| ***Appreciation of the differing methods of analysis that are used by economists*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ***X*** |  |  |  |  |  | ***X*** |  |
| ***Familiarity with the possibility that many economic problems may admit more than***  ***one approach*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ***X*** |  |  |  |  |  | ***X*** |  |
| ***Ability to apply economic reasoning to policy issues in a critical manner*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ***X*** |  |
| ***Ability to manipulate, treat and interpret***  ***relevant quantitative and qualitative data*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ***X*** |  | ***X*** | ***X*** | ***X*** |  | ***X*** | ***X*** |  |
| ***Ability to articulate, communicate and present economic arguments to both***  ***specialist and non-specialist audiences.*** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ***X*** | ***X*** |  |  | ***X*** |

**Appendix 3** : **Demonstration of PDP in modules**

Personal Development Planning (PDP) is defined as ‘a structured and supported process undertaken by an individual to reflect upon their own learning, performance and/or achievement and to plan for their personal, education and career development’ (QAA 2001) PDP enables the student to develop and awareness of their strengths and weaknesses, construct a record of achievement documenting the acquisition of knowledge, skills and competencies and reflect and act upon their personal, professional, academic and long term career goals. PDP also provides a medium for creating an effective CV. These materials are then used in preparing for job applications and/or supporting continuous professional development PDP is introduced to students at the commencement of the course and is supported through the personal tutor system. Learning opportunities are identified throughout the course. PDP is primarily supported through:

|  |  |  |
| --- | --- | --- |
| **YEAR 1** | | |
| **Aspects of PDP** | **Process** | **Evidence** |
| ***Personal reflection*** | The students will be encouraged to record their progresses, reflect on areas for improvement, and plan for their developments | Individual Portfolio |
| The students will be encouraged to regularly meet their personal tutors to discuss their progresses and developments | Personal Tutor meetings |
| The students will be encouraged to complete the Global Professional Award (GPA) | Completion of the Global Professional Award (GPA) |
| Formative assessments will allow the students to receive constructive feedback and work on their academic developments | Regular formative assessments |
|  | | |
| ***Career planning*** | The students will be encouraged to meet their personal tutors to start discussing their career plans | Personal Tutor meetings |
| Employability and career-development sessions, workshops and events will be organised together with the Career and Employability team | Employability and career-development sessions, workshops and events |
| The students will be encouraged to complete the Global Professional Award (GPA) | Completion of the Global Professional Award (GPA) |
| ***Employability Skills*** |  |  |
| *Ability to define and solve mathematical problems* | *Analytical skills* will be assessed in the following modules: BFE0019 – Introduction to Macroeconomics, BFE0020 – Introduction to Microeconomics, BFE0021 – Mathematics for Social Sciences, CFM2102 – Calculus, and CFM2105 - Linear Algebra | In-class tests and individual assignments |
| The students will develop *analytical skills* in class (BFE0019, BFE0020, BFE0021, CFM2102, CFM2105), during practical lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to collect, analyse and evaluate data* | *Data analysis and research skills* will be assessed in the following modules: BFE0022 – Statistics for Social Sciences, BFD0003 – Understanding Business Analytics and CFM2106- Probability Theory and Statistical Analysis | Statistical analysis and practical projects using data |
| The students will develop *data analysis and research skills* in class (BFE0022, BFD0003, CFM2106), during practical lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to master effectively statistical software* | *Statistical software skills* will be assessed in the following modules: BFE0022 – Statistics for Social Sciences and CFM2106- Probability Theory and Statistical Analysis | Statistical analysis with the support of statistical software |
| The students will develop *statistical software skills* in class (BFE0022, CFM2106), during practical lectures and seminars in labs, and through feedback on formative assessments | Lectures, seminars, labs and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to communicate information effectively through presentations* | *Presentation skills* will be assessed in the following modules: BFE0012 – Introduction to Financial Services and BFD0003 – Understanding Business Analytics | Group/individual presentations |
| The students will develop *presentation skills* in class (all modules), during interactive lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to communicate information effectively in writing* | *Writing skills* are assessed in the following modules: BFE0022 - Statistics for Social Sciences, BFE0012 – Introduction to Financial Services, and BFA0080 - Financial Fluency and Legal Environment | Written individual assignments |
| The students will develop *writing skills* in class (BFE0022, BFA0012, BFA0080), during lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to work in teams* | This ability will be developed in all modules during seminars with students learning to work in teams | In-class contributions |
| The BFE0012 students will be asked to make a group presentation | Group presentations |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to work effectively to given objectives and deadlines* | This ability will be developed in all modules during lectures and seminars with students learning to effectively work to given objectives and deadlines | In-class contributions |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to learn independently* | This ability will be developed in all modules during lectures and seminars with students learning to work independently and developing their confidence in class | In-class contributions |
| The BFE0022, BFD0003, and CFM2106 students will be asked to independently work on data | Statistical analysis and practical projects using data |

|  |  |  |
| --- | --- | --- |
| **YEAR 2** | | |
| **Aspects of PDP** | **Process** | **Evidence** |
| ***Personal reflection*** | The students will be encouraged to record their progresses, reflect on areas for improvement, and plan for their developments | Individual Portfolio |
| The students will be encouraged to regularly meet their personal tutors to discuss their progress and developments | Personal Tutor meetings |
| The students will be encouraged to complete the Global Professional Award (GPA) | Completion of the Global Professional Award (GPA) |
| Formative assessments will allow the students to receive constructive feedback and work on their academic developments | Regular formative assessments |
|  | | |
| ***Career planning*** | The students will be encouraged to meet their personal tutors to discuss their career plans | Personal Tutor meetings |
| The students will be offered sessions run by the Economics staff specifically aimed at helping them write successful CVs | CV writing sessions |
| Employability and career-development sessions, workshops and events will be organised together with the Career and Employability and Placement teams | Employability and career-development sessions, workshops and events |
| The students will be encouraged to complete the Global Professional Award (GPA) | Completion of the Global Professional Award (GPA) |
| ***Employability Skills*** |  |  |
| *Ability to define and solve mathematical problems* | *Analytical skills* will be assessed in the following modules: BIE0011 – Intermediate Macroeconomics, BIE0008 – Intermediate Microeconomics, CIM2201 – Real analysis, and CIM2202 - Mathematical Methods and Modelling | In-class tests, exams and individual assignments |
| Students will develop *analytical skills* in class (BIE0011, BIE0008, CIM2201, CIM2202), during practical lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to collect, analyse and evaluate data* | *Data analysis and research skills* will be assessed in the following modules: BIE0014 – Econometrics and CIM2203 – Advanced Statistical Methods | Econometric project and statistical analysis |
| Students will develop *data analysis and research skills* in class (BIE0014, CIM2203), during practical lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to master effectively statistical software* | *Statistical software skills* will be assessed in the following modules: BIE0014 – Econometrics and CIM2203 – Advanced Statistical Methods | Statistical analysis with the support of statistical software |
| Students will develop *statistical software skills* in class (BIE0014, CIM2203), during practical lectures and seminars in labs, and through feedback on formative assessments | Lectures, seminars, labs and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to communicate information effectively through presentations* | *Presentation skills* will be assessed in the BIE0013 – Applied Business Economics module | Group video presentations |
| Students will develop *presentation skills* in class (all modules), during interactive lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to communicate information effectively in writing* | *Writing skills* are assessed in the following modules: BIE0014 – Econometrics, BIE0016 – International Economics and Globalisation and BIE0012 – Economic History | Written individual assignments |
| Students will develop *writing skills* in class (BIE0014, BIE0016, BIE0012), during lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to work in teams* | This ability will be developed in all modules during seminars with students learning to work in teams | In-class contributions |
| The BIE0013 students will be asked to make a group presentation | Group presentations |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to work effectively to given objectives and deadlines* | This ability will be developed in all modules during lectures and seminars with students learning to effectively work to given objectives and deadlines | In-class contributions |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to learn independently* | This ability will be developed in all modules during lectures and seminars with students learning to work independently and developing their confidence in class | In-class contributions |
| The BIE0014 and CIM2203 students will be asked to independently work on data | Statistical analysis |

|  |  |  |
| --- | --- | --- |
| **Final Year** | | |
| **Aspects of PDP** | **Process** | **Evidence** |
| ***Personal reflection*** | The students will be encouraged to record their progresses, reflect on areas for improvement, and plan for their developments | Individual Portfolio |
| The students will be encouraged to regularly meet their personal tutors to discuss their progress and developments | Personal Tutor meetings |
| The students will be encouraged to complete the Global Professional Award (GPA) | Completion of the Global Professional Award (GPA) |
| Formative assessments will allow the students to receive constructive feedback and work on their academic developments | Regular formative assessments |
|  | | |
| ***Career planning*** | The students will be encouraged to meet their personal tutors to discuss their career plans | Personal Tutor meetings |
| The students will be offered sessions run by the Economics staff specifically aimed at helping them write successful CVs | CV writing sessions |
| The students will be offered sessions run by the Economics staff specifically aimed at training them for job interviews | Mock interviews sessions |
| Employability and career-development sessions, workshops and events will be organised together with the Career and Employability team | Employability and career-development sessions, workshops and events |
| The students will be encouraged to complete the Global Professional Award (GPA) | Completion of the Global Professional Award (GPA) |
| ***Employability Skills*** |  |  |
| *Ability to define and solve mathematical problems* | *Analytical skills* will be assessed in the following modules: BHE0014 – Decision Science and BHE0010 – Industrial Economics | Exams and individual assignments |
| Students will develop *analytical skills* in class (BHE0014, BHE0010), during practical lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to collect, analyse and evaluate data* | *Data analysis and research skills* will be assessed in the following modules: BHE0013 – Applied Econometrics, BHS0029 – Undergraduate Dissertation, CHM2401- Applied Data Analysis and CHM2403 – Big Data Analytics | Econometric project, undergraduate dissertation, and data analysis |
| Students will develop *data analysis and research skills* in class (BHE0013, BHS0029, CHM2401, CHM2403), during practical lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The Economics BHS0029 students will receive extra support with their dissertations in the form of additional lectures and regular surgery sessions | Lectures on how to write Economics dissertations and regular surgery sessions |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to master effectively statistical software* | *Statistical software skills* will be assessed in the following modules: BHE0013 – Applied Econometrics, BHS0029 – Undergraduate Dissertation, CHM2401- Applied Data Analysis and CHM2403 – Big Data Analytics | Statistical analysis with the support of statistical software |
| Students will develop *statistical software skills* in class (BHE0013, BHS0029, CHM2401, CHM2403), during practical lectures and seminars in labs, and through feedback on formative assessments | Lectures, seminars, labs and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to communicate information effectively through presentations* | *Presentation skills* will be assessed in the following modules: BHE0013 – Applied Econometrics and BHE0010 – Industrial Economics | Group presentations/Group video presentations |
| Students will develop *presentation skills* in class (all modules), during interactive lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to communicate information effectively in writing* | *Writing skills* are assessed in the following modules: BHE0014 – Decision Science, BHA0028 – Climate Economics and Finance, BHS0029 – Undergraduate Dissertation, BHE0010 – Industrial Economics | Written individual assignments |
| Students will develop *writing skills* in class (BHE0014, BHA0028, BHS0029, BHE0010), during lectures and seminars, and through feedback on formative assessments | Lectures, seminars and formative assessments |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to work in teams* | This ability will be developed in all modules during seminars with students learning to work in teams | In-class contributions |
| The BHE0013 and BHE0010 students will be asked to make a group presentation | Group presentations |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to work effectively to given objectives and deadlines* | This ability will be developed in all modules during lectures and seminars with students learning to effectively work to given objectives and deadlines | In-class contributions |
| The students will be encouraged to record their achievements in their individual portfolios | Individual Portfolio |
| *Ability to learn independently* | This ability will be developed in all modules during lectures and seminars with students learning to work independently and developing their confidence in class | In-class contributions |
| The BHE0013, BHS0029, CHM2401 and CHM2403 students will be asked to independently work on data | Statistical analysis |

**Appendix 4: Mapping of module assessments**

Final assessments are shown in bold

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Module Code** | **Exam** | **In Class Test** | **Individual Assignment** | **Group Assignment** | **Presentation** | **Other** |
| **Year 1 modules** |  |  |  |  |  |  |
| *BFA0002*  Accounting for Managers |  | 60 minutes ICT (50%)  **60 minutes ICT (50%)** |  |  |  |  |
| *BFE0012*  Introduction to Financial Services |  |  | **1,000 words individual assignment (50%)**  **Week 25** |  | 10 minutes group presentation (50%)  Week 15 |  |
| *BFA0080*  Financial Fluency and Legal Environment |  | 60 minutes ICT (50%) | **1,000 words individual assignment (50%)** |  |  |  |
| *BFE0019*  Introduction to Macroeconomics | **60 minutes exam (50%)**  **Week 42** | 60 minutes ICT (50%)  Week 31 |  |  |  |  |
| *BFE0020*  Introduction to Microeconomics | **60 minutes exam (50%)**  **Week 25** | 60 minutes ICT (50%)  Week 15 |  |  |  |  |
| *BFE0021*  Mathematics for Social Sciences |  | **120 minutes exam**  **(100%)**  **Week 42** |  |  |  |  |
| *BFE0022*  Statistics for Social Sciences |  |  | **2,000 words individual assignment (100%)**  **Week 25** |  |  |  |
| *CFM2102*  Calculus |  | **120 minutes ICT (50%)** | Individual assignment  (50%) |  |  |  |
| *CFM2105*  Linear Algebra | **120 minutes exam (50%)** |  | 2,500 words individual assignment  (50%) |  |  |  |
| CFM2106  Probability Theory  and Statistical Analysis | **120 minutes exam (50%)** |  | Individual assignment  (50%) |  |  |  |
| *BFD0003*  Understanding Business Analytics |  |  |  | 10 minutes individual presentation (40%) |  | **Individual practical project using data sets (60%)** |
| *BFT1022*  PROSPECT |  |  | **1,000 words individual assignment**  **(60%)** |  |  | 10 minutes group poster presentation  (40%) |
| **Year 2 modules** |  |  |  |  |  |  |
| *CIM2201*  Real Analysis | **120 minutes exam (50%)**  **Week 42** |  | Individual assignment  (50%)  Week 18 |  |  |  |
| *CIM2202*  Mathematical Methods and Modelling | **120 minutes exam (50%)**  **Week 42** |  | Individual assignment  (50%)  Week 19 |  |  |  |
| *CIM2203*  Advanced Statistical Methods | **120 minutes exam (50%)**  **Week 42** |  | Individual assignment  (50%)  Week 34 |  |  |  |
| *BIE0015*  Banking with Financial Markets |  | 60 minutes ICT (50%)  Week 25  **90 minutes ICT (50%)**  **Week 42** |  |  |  |  |
| *BIE0008*  Intermediate Microeconomics |  | 60 minutes ICT (50%)  Week 21  **90 minutes ICT (50%)**  **Week 40** |  |  |  |  |
| *BIE0016*  International Economics and Globalisation | **90 minutes exam (50%)**  **Week 42** |  | 1,000 words individual assignment  (50%)  Week 21 |  |  |  |
| *BIE0011*  Intermediate Macro |  | 60 minutes ICT (50%)  Week 21  **90 minutes ICT (50%)**  **Week 40** |  |  |  |  |
| *BIE0012*  Economic History | **90 minutes exam (50%)**  **Week 42** |  | 1,000 words individual assignment  (50%)  Week 21 |  |  |  |
| *BIE0013*  Applied Business Economics | **90 minutes exam (60%)**  **Week 42** |  |  |  |  | 10 minutes group video presentation (40%)  Week 21 |
| *BIE0014*  Econometrics |  | 60 minutes ICT (50%)  Week 25 |  |  |  | **1,500 words econometric project (50%)**  **Week 41** |
| *BIO0261*  Business Creation and Development |  |  | 2,500 words individual business model report (60%)  Week 22 |  |  | **10 minutes group video presentation (40%)**  **Week 39** |
| *BIO0258*  Leadership Theory and Practice | **120 minutes exam (50%)**  **Week 43** |  | 2,000 words individual assignment (50%)  Week 21 |  |  |  |
| **Final Year Modules** |  |  |  |  |  |  |
| *BHE0007*  Monetary and Financial Framework |  | 90 minutes ICT  (50%)  Week 25  **90 minutes ICT**  **(50%)**  **Week 42** |  |  |  |  |
| *BHE0013*  Applied Econometrics |  | 60 minutes ICT (40%)  Week 25 |  |  |  | **20 minutes group presentation of an econometric work**  **(60%)**  **Week 39/40** |
| *BHE0014*  Decision Science | **90 minutes exam (50%)**  **Week 42** |  | 1,500 words individual assignment (50%)  Week 30 |  |  |  |
| *BHA0028*  Climate Economics and Finance | **120 minutes exam (70%)**  **Week 42** |  | 1,000 words individual assignment  (30%)  Week 20 |  |  |  |
| *BHS0029*  Undergraduate Dissertation |  |  |  |  |  | **12,000 – 15,000 words dissertation**  **(100%)**  **Week 41** |
| *BHE0010*  Industrial Economics |  |  | **2,000 words individual assignment (50%)**  **Week 35** |  |  | 10 group video presentation (50%)  Week 21 |
| *CHM2401*  Applied Data Analysis | **120 minutes exam (50%)**  **Week 42** |  | 2,500 - 3,000 words individual assignment  (50%)  Week 31 |  |  |  |
| *CHM2403*  Big Data Analytics |  |  | Individual coursework (30%)  Week 18  Individual coursework (30%)  Week 27  **Individual coursework (60%)**  **Week 39** |  |  |  |
| *BHK0015*  Marketing for Small Business |  |  | 1,000 words individual assignment (20%) | **5,000 words group assignment (50%)** | 15 minutes individual presentation (30%) |  |
| *BHS0037*  Managing Across Cultures |  |  |  |  |  | 1,500 words individual poster (50%)  Week 22  **2,000 words individual academic blog (50%)**  **Week 40** |
| *BHO0268*  Advances in Leadership |  |  | 2,500 words individual assignment  (60%)  Week 21 |  | **20 minutes group debate presentation**  **(40%)**  **Week 39** |  |
| *BHT4024*  Mobility Economics and Policy | **90 minutes exam (50%)**  **Week 42** |  | 1,500 words Individual report (50%)  Week 21 |  |  |  |
| *BHA0036*  Global Financial Management |  | **120 minutes ICT**  **(50%)** |  |  | 10 minutes group presentation  (50%) |  |

Note: The dates are provisional and may change

**Appendix 5: CAB Model**

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| --- | --- | --- | --- | --- |
| **Model** | **Mode of Study** | **Course Start Month** | **Length before main CAB** | **Expected month for main CAB** |
| **A** | **UGT FT** | **September** | **9 months** | **June** |

**Appendix 6 – Specification of modules by subdiscipline, for the Economics with Financial Services degree and the Economics and Mathematics degree**

Economics with Financial Services

A Light Blue background with red characters denotes “Economics” modules; the Yellow background with black characters denotes “Financial Services” modules

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Year 1  Foundation level | BFE0019  Introduction  to Macroeconomics  20 Credits | BFE0020  Introduction  to  Microeconomics  20 Credits | BFE0022  Statistics  for  Social Sciences  20 Credits | BFE0021  Mathematics  for  Social Sciences  20 Credits | BFE0012  Introduction to Financial Services  20 Credits | BFA0080  Financial Fluency and Legal Environment  20 Credits |
| Year 2  Intermediate level | BIE0011  Intermediate  Macroeconomics  20 Credits | BIE0008  Intermediate  Microeconomics  20 Credits | BIE0014  Econometrics  20 Credits | BIE0016  International Economics  and  Globalisation  20 Credits | BIE0012  Economic  History  20 Credits | BIE0015  Banking with Financial Markets  20 Credits |
| Optional placement year: BSS0001 Placement or  BSS0002 Enterprise placement | | | | | | |
| Final year  Honours level | BHE0013  Applied Econometrics  20 Credits | BHS0029  Undergraduate Dissertation  40 Credits | | BHENEW9  Global Financial Management  20 Credits | BHA0028  Climate Economics and Finance  20 Credits | BHE0007  Monetary and Financial Framework  20 Credits |

Economics and Mathematics

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Year 1  Foundation level | BFE0019  Introduction  to Macroeconomics  20 Credits | BFE0020  Introduction  to  Microeconomics  20 Credits | CFM2102  Calculus  20 Credits | CFM2105  Linear Algebra  20 Credits | CFM2106  Probability Theory and Statistical Analysis  20 Credits | Option |
| Year 2  Intermediate level | BIE0011  Intermediate  Macroeconomics  20 Credits | BIE0008  Intermediate  Microeconomics  20 Credits | CIM2202  Mathematical Methods and Modelling  20 Credits | CIM2201  Real Analysis  20 Credits | CIM2203  Advanced Statistical Methods  20 Credits | Option |
| Optional placement year: BSS0001 Placement or  BSS0002 Enterprise placement | | | | | | |
| Final year  Honours level | BHE0013  Applied Econometrics  20 Credits | BHS0029  Undergraduate  Dissertation  40 Credits | | CHM2401  Applied Data Analysis  20 Credits | CHM2403  Big Data Analytics  20 Credits | Option |

The Yellow background denotes “Economics” modules; the Red background denotes “Mathematics” modules

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|  | Name | Date |
| Updates Complete | Kienan Molloy | 16/01/2023 |
| Approved by SGL |  |  |
| Approved by DoTL |  |  |