Module Descriptor

Title	Research Project In Finance And Data Analytics		
Session	2026/27	**Status**	
Code	LNDN11141	**SCQF Level**	11
Credit Points	60	**ECTS (European Credit Transfer Scheme)**	30
School	**Business and Creative Industries**		
Module Co-ordinator	IW Benin		

Summary of Module

The Research Project in Finance and Data Analytics module provides students with the opportunity to undertake a sustained and independent investigation into a finance-related topic of their choice and applying data analytics techniques. Building on theoretical and practical knowledge gained throughout the programme, the module develops advanced quantitative and research skills essential for analysing and solving complex financial problems. Students will apply econometric and statistical techniques, supported by industry-standard data analytics tools, to explore issues of interest in finance. Emphasis is placed on integrating theory with practical analysis, enabling students to produce an original, evidence-based project that demonstrates critical thinking and analytical rigour.

Module Delivery Method	**On-Campus**[1] ☐	**Hybrid**[2] ☒	**Online**[3] ☐	**Work -Based Learning**[4] ☐
Campuses for Module Delivery	☐ Ayr ☐ Dumfries	☐ Lanarkshire ☒ London ☐ Paisley	☐ Online / Distance Learning ☐ Other (specify)	
Terms for Module Delivery	Term 1 ☒	Term 2 ☒	Term 3 ☒	

[1] Where contact hours are synchronous/ live and take place fully on campus. Campus-based learning is focused on providing an interactive learning experience supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus contact hours will be clearly articulated to students.

[2] The module includes a combination of synchronous/ live on-campus and online learning events. These will be supported by a range of digitally-enabled asynchronous learning opportunities including learning materials, resources, and opportunities provided via the virtual learning environment. On-campus and online contact hours will be clearly articulated to students.

[3] Where all learning is solely delivered by web-based or internet-based technologies and the participants can engage in all learning activities through these means. All required contact hours will be clearly articulated to students.

[4] Learning activities where the main location for the learning experience is in the workplace. All required contact hours, whether online or on campus, will be clearly articulated to students

Long-thin Delivery over more than one Term	Term 1 – Term 2	☐	Term 2 – Term 3	☐	Term 3 – Term 1	☐

Learning Outcomes	
L1	Critically evaluate research approaches and methods in the context of finance
L2	Critically evaluate the rigour and validity of published research and scholarship and identify areas for further investigation
L3	Demonstrate competence in selecting, gathering, analysing, and presenting data using appropriate data analytics tools.
L4	Produce a substantial piece of independent work related to the theories, concepts and practical issues in finance
L5	

Employability Skills and Personal Development Planning (PDP) Skills	
SCQF Headings	**During completion of this module, there will be an opportunity to achieve core skills in:**
Knowledge and Understanding (K and U)	**SCQF 11** Demonstrating an extensive, detailing and critical knowledge of the literature relevant to the chosen topic. Critical understanding of a range of specialised theories, principles and concepts relevant to the chosen topic. Displaying an awareness of current issues relevant to the topic and related areas
Practice: Applied Knowledge and Understanding	**SCQF 11** Applying a significant range of skills, techniques and practices associated with the relevant subject area Critically evaluating research and a variety of types of information and evidence Applying an appropriate research strategy to the selection and distillation of relevant information from a wide range of sources and a large body of knowledge Analysing, evaluating and interpreting evidence and theory underpinning both general management practice and the relevant subject area of the project
Generic Cognitive skills	**SCQF 11** Demonstrating the ability to recognise finance problems identifying suitable means to respond to and manage them effectively More specifically, using appropriate research methods and techniques of enquiry to investigate a practical issue/problem Critically reviewing, consolidating and extending knowledge, skills, practices and thinking in the discipline
Communication, ICT and Numeracy Skills	**SCQF 11** Further developing academic writing skills, including appropriate acknowledgement and referencing sources

	Using appropriate software to support and enhance analysis and presentation of quantitative and qualitative information Communicating with a range of audiences and adapting the communication to the context and purpose
Autonomy, Accountability and Working with Others	**SCQF 11** Demonstrating effective consultancy and project management skills Interact with supervisor in an effective manner Demonstrating ability to self-manage time and resources Working in ways that are reflective, self-critical and based on research/evidence

Prerequisites	**Module Code**	**Module Title**
	Other	
Co-requisites	**Module Code**	**Module Title**

Learning and Teaching	
In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.	
Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	**Student Learning Hours** (Note: Learning hours include both contact hours and hours spent on other learning activities)
Tutorial / Synchronous Support Activity	15
Independent Study	585
Please select	
Please select	
Please select	
Please select	
TOTAL	600

Indicative Resources
The following materials form essential underpinning for the module content and ultimately for the learning outcomes: Saunders, N.K., Lewis, P. and Thornhill, A. (2023). Research Methods for Business Students, 9th edition, Pearson. Jankowicz. A. D., (2005) Business Research Projects. (4th ed). Thomson. London Wilson, A. (2010) Essentials of Business Research. Sage. London

(N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)

Attendance and Engagement Requirements
In line with the Student Attendance and Engagement Procedure, Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time. **For the purposes of this module, academic engagement equates to the following:** Engaging with the materials on the VLE, attending supervisory meetings, making progress on their research project and successfully submitting the research project by the stated deadline.

Equality and Diversity
The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: UWS Equality, Diversity and Human Rights Code. In line with current legislation (Equality Act, 2010) and the UWS Equality, Diversity, and Human Rights Code, our modules are accessible and inclusive, with reasonable adjustment for different needs where appropriate.
(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	**Accounting Finance Law**
Overall Assessment Results	☐ **Pass / Fail** ☒ **Graded**
Module Eligible for Compensation	☐ **Yes** ☒ **No** **If this module is eligible for compensation, there may be cases where compensation is not permitted due to programme accreditation requirements. Please check the associated programme specification for details.**
School Assessment Board	Accounting Finance and Law
Moderator	R Mahmud
External Examiner	J Carrahar
Accreditation Details	
Module Appears in CPD catalogue	☐ **Yes** ☒ **No**
Changes / Version Number	1.0

Assessment (also refer to Assessment Outcomes Grids below)
Assessment 1
Research Project 100%
Assessment 2

Assessment 3
(N.B. (i) Assessment Outcomes Grids for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed. (ii) An indicative schedule listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Component 1							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
Research Project	☒	☒	☒	☒	☒	100	

Component 2							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
	☐	☐	☐	☐	☐		

Component 3							
Assessment Type	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**	**Weighting of Assessment Element (%)**	**Timetabled Contact Hours**
	☐	☐	☐	☐	☐		
Combined total for all components						100%	hours

Change Control

What	**When**	**Who**