



Module Descriptor

Title	Business Statistics		
Session	2025/26	Status	Existing
Code	ACCT08017	SCQF Level	8
Credit Points	20	ECTS (European Credit Transfer Scheme)	10
School	Business and Creative Industries		
Module Co-ordinator	Michael Guo		
Summary of Module			
This module introduces students to key statistical concepts and techniques that are used in business research. Through a combination of lectures and hands-on tutorials, students will learn the following: • The normal distribution • Sampling and sampling distribution • Confidence interval estimation • Correlation and Regression • Hypothesis testing			

Module Delivery Method	On-Campus¹ ☒		Hybrid² ☐		Online³ ☐		Work -Based Learning⁴ ☐
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	☐
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Learning Outcomes	
L1	Demonstrate knowledge and understanding of key statistical concepts and techniques
L2	Use hypothesis testing to test a mean or proportion
L3	Use software to perform statistical analysis and interpret its output
L4	
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 8 Demonstrating a knowledge and understanding of the concept of a probability distribution and resulting calculations. Demonstrating basic awareness of the application of statistical techniques to the solution of problems
Practice: Applied Knowledge and Understanding	SCQF 8 Using a range of standard techniques of calculation in solving problems in statistics and making valid interpretations of the results.
Generic Cognitive skills	SCQF 8 Using a range of methods to analyse well-defined problems in relevant statistical contexts.
Communication, ICT and Numeracy Skills	SCQF 8 Using suitable software to obtain and present results to statistical problems.
Autonomy, Accountability and Working with Others	SCQF 8 Working autonomously and with others to solve and produce reports on statistical problems.

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.
36

Learning Activities	Student Learning Hours
During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	(Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture / Core Content Delivery	24
Tutorial / Synchronous Support Activity	12
Independent Study	164
Please select	
Please select	
Please select	
TOTAL	200

Indicative Resources
The following materials form essential underpinning for the module content and ultimately for the learning outcomes: Recommended Text Curwin J., Slater R, Eadson, D. (current ed) Quantitative Methods for Business Decisions, Cengage Learning
(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: Attending timetabled teaching sessions and accessing course-related learning resources via VLE. For the purposes of this module, students should also reference the 'BCI Guidance on Implementation of the Revised Student Attendance and Engagement Procedure' which details the School attendance and engagement requirements and how this will be monitored for attendance.

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. Module materials comply with University guidance on inclusive learning and teaching, and specialist assistive equipment, support provision and adjustment to assessment practice will be made in accordance with UWS policy and regulations. Where modules require practical and/or laboratory based learning or

assessment required to meet accrediting body requirements the University will make reasonable adjustment such as adjustable height benches or assistance of a 'buddy' or helper.

(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	Nasir Kolade
External Examiner	Peter Mogaji
Accreditation Details	
Module Appears in CPD catalogue	☐ Yes ☒ No
Changes / Version Number	

Assessment (also refer to Assessment Outcomes Grids below)

Assessment 1

Class Test 30%

Assessment 2

Report 70%

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
Class Test	☒	☐	☐	☐	☐	30%	1

Component 2

Assessment Type	LO1	LO2	LO3	LO4	LO5	Weighting of Assessment Element (%)	Timetabled Contact Hours
Report	☐	☒	☒	☐	☐	70%	n/a

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