Module Details

Module Title	Mathematics And Statistics Skills For Higher Education
Module Code	SAC3017-B
Academic Year	2021/2
Credits	20
School	School of Social Sciences
FHEQ Level	RQF Level 3

Contact Hours

Type	Hours
Tutorials	24
Directed Study	176

Availability

Occurrence	Location / Period
BDA	University of Bradford / Semester 1

Module Aims

You will develop your numerical, mathematical and statistical skills and knowledge to enable you to use them more effectively and confidently within your studies in higher education. Skills will include basic calculations, problem solving, use of algebra, understanding and presenting statistical information and reflecting on your own learning process and experience.

Outline Syllabus

Fractions, percentages, decimals, measures, algebra, shape and space, data and statistical measures, probability, use of calculators, use of tables, charts, diagrams and line graphs, financial applications, problem solving, personal reflection and thinking skills.

Learning Outcomes

Outcome Number	Description
01	Perform basic calculations
02	Solve numerical problems
03	Use and manipulate algebra in various scenarios
04	Apply standard formulae to financial problems
05	Use and understand statistical techniques
06	Recognise the use of probability in research applications
07	Identify personal learning needs and take action to improve
08	Demonstrate metacognitive skills in relation to the challenge of constructing and justifying mathematical assessment questions

Learning, Teaching and Assessment Strategy

Seminars will be used together with directed study to support the achievement of all LOs. Teaching will be underpinned by activity based learning, with active promotion of personal reflection and independent learning. Teaching material will seek to promote intercultural awareness and the application of statistics to understanding society.
The achievement of all LOs will be assessed by 100% coursework.

Mode of Assessment

Type	Method	Description	Weighting
Summative	Coursework	Create and justify a suitable examination for this module	100%

Reading List

To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:
This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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