The information presented in this module specification is accurate at the time of publication. The University regularly reviews and enhances its teaching provision and therefore module specifications may be updated over the course of the year with changes to module content, teaching or assessment in response to feedback from a range of stakeholders including students, external examiners and professional bodies. This may also include changes to teaching and assessment methods that are in response to changing public health requirements arising from the Covid-19 pandemic. Where changes are significant the University will consult with students in good time and take reasonable steps to minimise disruption. Any amendments will be reflected in the live module catalogue as soon as practically possible. Any versions of module specifications that are downloaded and saved separately cannot be considered current for this purpose.

Module Specification

MA1202 Introductory Statistics

Academic Year: 2021/2
Module Level: Year 1
Scheme: UG
Department: Mathematics
Credits: 15
Period: Semester 2

Student Workload (hours)

Occurrence	P
Synchronous Lectures	45
Synchronous Small Group Teaching	3
Synchronous Practical Classes/ Workshops/Professional Placements	
Synchronous Other	
Asynchronous Lectures/Presentations	
Asynchronous Other	
Guided Independent Study	79
Total Module Hours	150

Occurrence: P
Coordinator: Aihua Zhang
Mark Scheme: UG Module Mark Scheme

No.	Assessment Description	Weight %	Qual Mark	Exam Hours	Ass't Group	Alt Reass't
001	SKILLS TEST	20				
002	COURSEWORK	20				
003	EXAM (Final)	60		2		
103	EXAM (Final)	100		2		Y

Intended Learning Outcomes

- Explain basic statistical concepts and calculate properties of simple estimators
- Explain the concept of a confidence interval and apply in continuous and discrete cases
- Calculate properties of simple estimators, confidence intervals and construct statistical tests using R
- Explain the general procedures for statistical testing, apply tests and assess them

Teaching and Learning Methods

Lectures, feedback lectures, weekly feedback classes for guidance with examples sheets, surgeries.

Assessment Methods

Exam, Coursework

Pre-Requisites

Co-Requisites

Excluded Combinations

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Guided Independent Study: Indicative Activities

Directed reading, computer practice, review of recorded lectures, homework and examination revision, continuing to develop R skills.

Last Published: 8 March 2022