

**UNSW SCIENCE**

## Staff

Position	Name	Email	Room
Lecturer-in-charge	Jeffrey Kwan	<a href="mailto:j.t.kwan@unsw.edu.au">j.t.kwan@unsw.edu.au</a>	Chemical Science Building, Room 108

Please refer to your Timetable on MyUNSW

## Assessment and Deadlines

Assessment	Week	Weighting %	Due date if applicable	Course Learning Outcome (CLO)
Assignment 1	Week 2	10%	Friday, 24 February	CLO1, CL02
Assignment 2	Week 3	10%	Friday, 3 March	CLO1, CLO2
Assignment 3	Week 4	10%	Friday, 10 March	CLO1, CLO2
Assignment 4	Week 5	10%	Friday, 17 March	CL04
Final Exam		60%	TBA	All

## Late Submission of Assessment Tasks

No late submissions will be accepted. (Where "late" in this context means after any extensions granted for Special Consideration or Equitable Learning Provisions.)

## Course Learning Outcomes (CLO)

1. Understand the principles of probability and be able to apply this theory to practical and theoretical problems.
2. Use key theoretical tools to explore properties of random variables.
3. Derive fundamental results in the theory of probability and random variables.
4. Apply principles of Markov Chains and Brownian motion to practical and theoretical problems.

## Course Schedule

The course will include material taken from some of the following topics. This only serve as a guide as it is not an extensive list of the material to be covered and the timings are approximate. The course content is ultimately defined by the material covered in lectures, via Moodle.

## **Recommended Textbook (not compulsory)**

x Mathematical Statistics with Applications, S

## Academic Integrity and Plagiarism

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- f* be aware of plagiarism, copyright, UNSW Student Code of Conduct and Acceptable Use of UNSW ICT Resources Policy
- f* be aware of the standards of behaviour expected of everyone in the UNSW community
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## Applications