



UNSW SCIENCE
School of Maths and Statistics

Course outline

MATH5846

**Introduction to Probability and Stochastic
Processes**

Term 1, 2021 (T1A)

Staff

Position	Name	Email	Room
Lecturer-in-charge	Dr. Eka Shinjikashvili	eka@unsw.edu.au	RC-2054

Please refer to your Timetable on MyUNSW for your Lecture Tut, Lab enrolment days and times.

Assessment and Deadlines

Assessment

Use key theoretical tools to explore properties of random variables.
Derive fundamental results in the theory of probability and random variables.
Apply principles of Markov Chains and Brownian motion to practical and theoretical problems.

Moodle

Log in to Moodle to find announcements, gene

Academic Integrity and Plagiarism

UNSW has an ongoing commitment to fostering a culture of learning informed by academic integrity. All UNSW staff and students have a responsibility to adhere to this principle of academic integrity. Plagiarism undermines academic integrity and is not tolerated at UNSW. *Plagiarism at UNSW is defined as using the words or ideas of others and passing them off as your own.*

The **UNSW Student Code** provides a framework for the standard of conduct expected of UNSW students with respect to their academic integrity and behaviour. It outlines the primary obligations of students and directs staff and students to the Code and related procedures.

In addition, it is important that students understand that it is not permissible to buy essay/writing services from third parties as the use of such services constitutes plagiarism because it involves using the words or ideas of others and passing them off as your own. Nor is it permissible to sell copies of lecture or tutorial notes as students do not own the rights to this intellectual property.

If a student breaches the Student Code with respect to academic integrity, the University may take

effectively and efficiently find appropriate information sources and evaluate relevance to your needs

better manage your time

understand your rights and responsibilities as a student at UNSW

be aware of plagiarism, copyright, UNSW Student Code of Conduct and Acceptable Use of UNSW ICT Resources Policy

be aware of the standards of behaviour expected of everyone in the UNSW community



Some of these areas will be familiar to you, others will be new. Gaining a solid understanding of all the related aspects of ELISE will help you make the most of your studies at UNSW.

The *ELISE* training webpages:

<https://subjectguides.library.unsw.edu.au/elise/aboutelise>

Equitable Learning Services (ELS)

If you suffer from a chronic or ongoing illness that has, or is likely to, put you at a serious disadvantage, then you should contact the Equitable Learning Services (previously known as SEADU) who provide confidential support and advice.

living with disabilities

with long- or short-term health concerns and/or mental health issues

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