

## ACE Network Subject Information Guide

**STAT4528, Probability and Martingale theory**

**Semester 1, 2023**

### Administration and contact details

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Host institution	The University of Sydney
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### Subject details

Handbook entry URL	<a href="https://www.sydney.edu.au/units/STAT4528">https://www.sydney.edu.au/units/STAT4528</a>
Subject homepage URL	
Honours student hand-out URL	
Teaching period (start and end date):	20/02/2023 – 26/06/2023
Exam period (start and end date):	05/06/2023 – 17/06/2023
Contact hours per week:	4
ACE enrolment closure date:	24/02/2023
Lecture day(s) and time(s):	
Description of electronic access arrangements for students (for example, LMS)	Canvas page of the course



**Learning Outcome Descriptors at AQF Level 8**

**Knowledge**

K1: coherent and advanced knowledge of the underlying principles and concepts in one or more disciplines

K2: knowledge of research principles and methods

**Skills**

S1: cognitive skills to review, analyse, consolidate and synthesise knowledge to identify and provide solutions to complex problem with intellectual independence

S2: cognitive and technical skills to demonstrate a broad understanding of a body of knowledge and theoretical concepts with advanced understanding in some areas

S3: cognitive skills to exercise critical thinking and judgement in developing new understanding

S4: technical skills to design and use in a research project

S5: communication skills to present clear and coherent exposition of knowledge and ideas to a variety of audiences

**Application of Knowledge and Skills**

A1: with initiative and judgement in professional practice and/or scholarship

A2: to adapt knowledge and skills in diverse contexts

A3: with responsibility and accountability for own learning and practice and in collaboration with others within broad parameters

A4: to plan and execute project work and/or a piece of research and scholarship with some independence

**5. Learning resources**

Insert texts, printed notes and/or software required

**6. Assessment**

Exam/assignment/classwork breakdown					
Exam	Enter %	Assignment	Enter %	Class work	Enter %
<b>Assignment due dates</b>		Click here to enter a date.	Click here to enter a date.	Click here to enter a date.	Click here to enter a date.
<b>Approximate exam date</b>				Click here to enter a date.	

**Institution honours program details**

<b>Weight of subject in total honours assessment at host department</b>	Click here to enter text.
<b>Thesis/subject split at host department</b>	Click here to enter text.
<b>Honours grade ranges at host department</b>	
<b>H1</b>	Enter range %
<b>H2a</b>	Enter range %
<b>H2b</b>	Enter range %
<b>H3</b>	Enter range %



## Institution masters program details

<b>Weight of subject in total masters assessment at host department</b>	Click here to enter text.
<b>Thesis/subject split at host department</b>	Click here to enter text.
<b>Masters grade ranges at host department</b>	
<b>H1</b>	Enter range %
<b>H2a</b>	Enter range %
<b>H2b</b>	Enter range %
<b>H3</b>	Enter range %