



Course

Introduction to Statistics and Statistical Computations

MATH5856 | 6 Units of Credit

Overview

The aim of this course is to learn about the basic principles of statistical reasoning, the most important methods for estimating unknown parameters of a system and for taking decisions without complete information, and the use of statistical packages. The methods discussed are for visualising data, for simulating random phenomena, for estimating parameters using Maximum Likelihood and Least Squares estimators, and for testing hypotheses. General Linear Models will be studied using R.

Faculty

Faculty of Science

School

School of Mathematics & Statistics

Study Level

Postgraduate

Offering Terms

Term 1

Campus

Kensington

Delivery Mode

Fully on-site

Indicative contact hours

6

Timetable

[Visit timetable website for details](#)

Conditions for Enrolment

Corequisite: MATH5846

Course Outline

To access course outline, please visit:

[MATH5856 Course Outline](#)

Fees

Commonwealth Supported Students \$1170

Domestic Students \$3900

International Students \$5400

DISCLAIMER

Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the [fee website](#).

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.

Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

[Pre-2019 Handbook Editions](#)

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Authorised by Deputy Vice-Chancellor (Academic)

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