Course

Probability and Mathematical Statistics

ACTL2131  |  6 Units of Credit

Overview

This course covers probability and statistics topics relevant to actuarial studies. Topics covered include univariate/multivariate random variables, moments, probability generating functions, moment generating functions, marginal and conditional distributions, sampling distributions, estimation methods, hypothesis tests, regression, analysis of variance. Examples relevant to actuarial studies, finance and insurance are used to illustrate the application of the topics covered.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>UNSW Business School</th>
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<tbody>
<tr>
<td><strong>School</strong></td>
<td>School of Risk and Actuarial Studies</td>
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<tr>
<td><strong>Study Level</strong></td>
<td>Undergraduate</td>
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<td><strong>Offering Terms</strong></td>
<td>Term 1</td>
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<tr>
<td><strong>Campus</strong></td>
<td>Kensington</td>
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<td><strong>Indicative contact hours</strong></td>
<td>4.5</td>
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<tr>
<td><strong>Timetable</strong></td>
<td>Visit timetable website for details</td>
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Conditions for Enrolment

Prerequisite: ACTL1101 AND (MATH1251 or MATH1241)
Equivalent Courses

ACTL5101 6 UOC
Probability and Statistics for Actuaries
Course Outline

To access course outline, please visit:

ACTL2131 Course Outline
Fees

Commonwealth Supported Students  $1191
Domestic Students  $5610
International Students  $5610

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. Fees for courses delivered through UNSW Global are published and charged by UNSW Global and thus appear as "Not Applicable" on this site.

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)
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179