Overview

This course covers the actuarial mathematics and models for use in the analysis and actuarial management of life insurance and superannuation contract. Topics covered include: the main forms of life insurance and annuity contracts, disability and long term care contracts and superannuation fund benefits; actuarial notation and the life table; moments of the value of the benefit payments; Thiele's differential equation for policy values; stochastic modelling of claims and benefit payments; gross premiums, net premiums, policy values and reserves; allowing for expenses and inflation; use of discounted emerging costs and profit tests; asset shares in life insurance; termination and alteration values; cost of guarantees; joint life functions; actuarial valuation of disability insurance contracts.
Faculty
UNSW Business School

School
School of Risk and Actuarial Studies

Study Level
Postgraduate

Offering Terms
Term 1

Campus
Kensington

Delivery Mode
Partially online

Indicative contact hours
4

Timetable
Visit timetable website for details
Conditions for Enrolment

Prerequisite: ACTL5101, ACTL5102 and enrolment in program 8411 or 8416
Exclusion Courses

ACTL3151  |  6 UOC
Life Contingencies
Course Outline

To access course outline, please visit:

ACTL5105 Course Outline
Fees

Commonwealth Supported Students  $1191
Domestic Students  $4410
International Students  $6030

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)
CRICOS Provider Code 00098G
ABN: 57 195 873 179