

ACTL90009 Actuarial Practice and Control III

Credit Points:	12.50														
Level:	9 (Graduate/Postgraduate)														
Dates & Locations:	2012, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus.														
Time Commitment:	Contact Hours: A total of three contact hours per week, consisting of lectures and/or tutorials. Total Time Commitment: Not available														
Prerequisites:	ACTL90002 Mathematics of Finance II, ACTL90005 Life Contingencies, ACTL90008 Statistical Techniques in Insurance. <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>ACTL90002 Mathematics of Finance II</td><td>Semester 2</td><td>12.50</td></tr><tr><td>ACTL90005 Life Contingencies</td><td>Semester 2</td><td>12.50</td></tr><tr><td>ACTL90008 Statistical Techniques in Insurance</td><td>Semester 2</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	ACTL90002 Mathematics of Finance II	Semester 2	12.50	ACTL90005 Life Contingencies	Semester 2	12.50	ACTL90008 Statistical Techniques in Insurance	Semester 2	12.50
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ACTL90002 Mathematics of Finance II	Semester 2	12.50													
ACTL90005 Life Contingencies	Semester 2	12.50													
ACTL90008 Statistical Techniques in Insurance	Semester 2	12.50													
Corequisites:	None														
Recommended Background Knowledge:	Please refer to Prerequisites and Corequisites														
Non Allowed Subjects:	Disallowed subject combination: ACTL40009 Actuarial Practice and Control III <table><tr><th>Subject</th><th>Study Period Commencement:</th><th>Credit Points:</th></tr><tr><td>ACTL40009 Actuarial Practice and Control III</td><td>Semester 2</td><td>12.50</td></tr></table>			Subject	Study Period Commencement:	Credit Points:	ACTL40009 Actuarial Practice and Control III	Semester 2	12.50						
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Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Description, Subject Objectives, Generic Skills and Assessment Requirements for this entry. The University is dedicated to provide support to those with special requirements. Further details on the disability support scheme can be found at the Disability Liaison Unit website: http://www.services.unimelb.edu.au/disability/														
Coordinator:	Prof Daniel Dufresne														
Contact:	Graduate School of Business and Economics Level 4, 198 Berkeley Street Telephone: +61 3 8344 1670 Online Enquiries (https://nexus.unimelb.edu.au/OnlineEnquiryForm.aspx?campaigncode=CMP-01311-VZ8293&cssurl=https://nexus.unimelb.edu.au/cssfiles/gsbe.css&redirecturl=http://www.gsbe.unimelb.edu.au/contactus/nexus/gsbe.html) Web: www.gsbe.unimelb.edu.au (http://www.gsbe.unimelb.edu.au/)														
Subject Overview:	Analysis of investment portfolios and asset classes from the perspective of an appointed actuary, with a view to identifying assets that suit the requirements of a variety of general insurance, life insurance, superannuation and other defined benefit liabilities.														
Objectives:	On successful completion of this subject students should be able to:														

	<ul style="list-style-type: none"> # Establish the investment requirements of a variety of types of insurance companies, superannuation funds and similar institutional investors. # Explain these requirements in terms of realistic and achievable objectives. # Understand the characteristics of different asset classes in sufficient depth to establish a suitable strategy for achieving these objectives, using stochastic asset models and other techniques, as appropriate. # Monitor investment portfolios, and their performance, in relation to stated objectives and the liabilities against which they are held.
Assessment:	A 3-hour end-of-semester examination (70%) and assignments, totalling not more than 5000 words (30%).
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	<p>On successful completion of this subject, students should have improved the following generic skills:</p> <p>High level of development:</p> <ul style="list-style-type: none"> # written communication; # collaborative learning; # problem solving; team work; # application of theory to practice; # interpretation and analysis; # critical thinking; # synthesis of data and other information; # evaluation of data and other information; # accessing data and other information from a range of sources.