

ACTL90009 Actuarial Practice and Control III

Credit Points:	12.5												
Level:	9 (Graduate/Postgraduate)												
Dates & Locations:	2016, 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: 170 hours												
Prerequisites:	All of: ACTL90002 Mathematics of Finance II, ACTL90005 Life Contingencies and ACTL90008 Statistical Techniques in Insurance; or equivalent. <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <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> </tbody> </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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ACTL90005 Life Contingencies	Semester 2	12.50											
ACTL90008 Statistical Techniques in Insurance	Semester 2	12.50											
Corequisites:	None												
Recommended Background Knowledge:	ACTL40006 Actuarial Practice and Control I ACTL40007 Actuarial Practice and Control II												
Non Allowed Subjects:	Disallowed subject combination: ACTL40009 Actuarial Practice and Control III <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ACTL40009 Actuarial Practice and Control III</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	ACTL40009 Actuarial Practice and Control III	Semester 2	12.50						
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Core Participation Requirements:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>												
Coordinator:	Mr Richard Fitzherbert												
Contact:	rmfi@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.												
Learning Outcomes:	On successful completion of this subject students should be able to:												

	<ul style="list-style-type: none"> # Appraise 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 (80%) A 3000 word assignment due in week 11 (20%)
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.
Related Course(s):	Master of Commerce (Actuarial Science)