

ACTL40009 Actuarial Practice and Control III

| Credit Points: | 12.5 | | | | | | | | | | | | |
|---|--|----------------|----------------------------|----------------|--|------------|-------|---|------------|-------|-------------------------------------|------------|-------|
| Level: | 4 (Undergraduate) | | | | | | | | | | | | |
| Dates & Locations: | 2015, 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 the following: <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ACTL30004 Actuarial Statistics</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>ACTL30003 Contingencies</td> <td>Semester 2</td> <td>25</td> </tr> <tr> <td>ACTL30006 Financial Mathematics III</td> <td>Semester 1</td> <td>12.50</td> </tr> </tbody> </table> | Subject | Study Period Commencement: | Credit Points: | ACTL30004 Actuarial Statistics | Semester 2 | 12.50 | ACTL30003 Contingencies | Semester 2 | 25 | ACTL30006 Financial Mathematics III | Semester 1 | 12.50 |
| Subject | Study Period Commencement: | Credit Points: | | | | | | | | | | | |
| ACTL30004 Actuarial Statistics | Semester 2 | 12.50 | | | | | | | | | | | |
| ACTL30003 Contingencies | Semester 2 | 25 | | | | | | | | | | | |
| ACTL30006 Financial Mathematics III | Semester 1 | 12.50 | | | | | | | | | | | |
| Corequisites: | None | | | | | | | | | | | | |
| Recommended Background Knowledge: | The following: <table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>ACTL40006 Actuarial Practice and Control I</td> <td>Semester 1</td> <td>12.50</td> </tr> <tr> <td>ACTL40007 Actuarial Practice and Control II</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table> | Subject | Study Period Commencement: | Credit Points: | ACTL40006 Actuarial Practice and Control I | Semester 1 | 12.50 | ACTL40007 Actuarial Practice and Control II | Semester 2 | 12.50 | | | |
| Subject | Study Period Commencement: | Credit Points: | | | | | | | | | | | |
| ACTL40006 Actuarial Practice and Control I | Semester 1 | 12.50 | | | | | | | | | | | |
| ACTL40007 Actuarial Practice and Control II | Semester 2 | 12.50 | | | | | | | | | | | |
| Non Allowed Subjects: | Students cannot gain credit for both ACTL40009 Actuarial Practice and Control III (../view/current/actl40009) and ACTL90009 Actuarial Practice and Control (../view/current/actl90009) | | | | | | | | | | | | |
| Core Participation Requirements: | <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> | | | | | | | | | | | | |
| Coordinator: | Mr Richard Fitzherbert | | | | | | | | | | | | |
| Contact: | rmfi@unimelb.edu.au (mailto:rmfi@unimelb.edu.au) | | | | | | | | | | | | |
| Subject Overview: | This subject covers 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: | <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. | | | | | | | | | | | | |

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| | <ul style="list-style-type: none"> # Analyse 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%) and one assignment or essay, totalling not more than 2000 words due week 10 (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: | High level of development: 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. |