

# NON-AWARD STUDY FOR PROFESSIONAL PURPOSES

## Bridging Study for Overseas-Trained Professionals

You can be undertaking bridging study for overseas-trained professionals only if you hold a written assessment statement issued by the assessing body for a listed professional occupation, for example CPA Australia.

It indicates the studies, examinations and/or tuition and training programs that you will need to undertake successfully in order to meet the requirements for entry to your profession in Australia. **It is the responsibility of the student to arrange for an assessment of their previous qualifications by the relevant assessing body. Assessments cannot be done by Macquarie University.**

For more information about bridging study for overseas-trained professionals and FEE-HELP, as well as a list of professional occupations and assessing bodies, please read section 4 of the *2012 FEE-HELP Information Booklet*, available online at: [www.goingtouni.gov.au](http://www.goingtouni.gov.au)

## Actuarial Control Cycle and Investment Management

### ACST831, ACST832 and ACST871

Students who wish to complete Part II of the professional exams of the Institute of Actuaries of Australia must complete units in the Actuarial Control Cycle and Investment Management. Students can meet the Part II requirement by obtaining a credit average in the units ACST831 Actuarial Control Cycle 1, ACST832 Actuarial Control Cycle 2 and ACST871 Investment Management. (Students are required to achieve a Standardised Numerical Grade (SNG) of at least 60 in each of the three units, along with an average SNG of at least 65 across the three units.)

These units are available on a Non-award basis to students who have completed an actuarial degree covering Part I of the professional exams or equivalent. ACST831 (or an equivalent unit) must be studied before commencing ACST832.

ACST831 and ACST832 are available in three delivery modes:

1. On-campus Mode: Classes are held two days per week at Macquarie University's North Ryde campus.
2. Sydney City Mode: Classes are held one evening per week at a city location and are supplemented by internet delivery of course material.
3. Distance education mode: There are no face-to-face classes. This mode makes extensive use of the internet.

ACST831, in conjunction with ACST832, develops and applies the actuarial principles and practices underlying the design, assessment, management and control of financial systems in the areas of life insurance, general insurance, banking and superannuation as well as other less

traditional areas of actuarial practice. The two units together consider the process of actuarial and financial management, including product design, pricing, marketing, monitoring of experience, reserve setting, financing, solvency, and determination and distribution of surplus. The overall control process is studied within the constraints imposed by the commercial environment and the actuarial professional code of conduct and standards, and includes a discussion of business ethics and issues of professionalism in actuarial practice.

ACST871 is available in two delivery modes:

1. On-campus Mode: Classes are held on Saturdays at Macquarie University's North Ryde campus.
2. Distance education mode: There are no face-to-face classes. This mode makes extensive use of the internet.

ACST871 considers investment from an actuarial practitioner's perspective. Topics covered include: asset classes and their characteristics; Australian shares; overseas shares, property, fixed interest and "other" strategic and tactical asset allocation; stochastic asset liability modelling; investment mandates; investment management styles; investment performance measurement; risk management and control; and formulation of investment policy for financial institutions taking into account the nature of their liabilities.

For more information about the Actuarial Control Cycle and Investment Management, please contact Mr Hong Xie at [hong.xie@mq.edu.au](mailto:hong.xie@mq.edu.au)

## **CPA**

The Master of Accounting units are accredited by CPA Australia (CPA) and the Institute of Chartered Accountants in Australia (ICAA). Students can apply to enrol in one or more non-award unit/s to satisfy the entry requirements of either professional accounting body.

For detailed information on suitable units please consult the CPA or ICAA websites below.

CPA Australia: [www.cpaaustralia.com.au](http://www.cpaaustralia.com.au)

ICAA: [www.charteredaccountants.com.au](http://www.charteredaccountants.com.au)

CPA Associate Members are also eligible to apply to enrol in CPA Extension units if they wish to gain additional support for the CPA Australia exams. A student would enrol simultaneously in a Macquarie University CPA Support Unit and the corresponding CPA Australia exam.

All Non-award application for Master of Accounting units will be subject to departmental approval.

## **Computing**

### **Postgraduate Coursework Programs**

Entry to all 800-level coursework units (prefix ITEC) require students to have completed an undergraduate degree in an ICT discipline with a GPA of 2.75 or greater. For a detailed listing of units, please refer to [www.comp.mq.edu.au](http://www.comp.mq.edu.au)

## Chemistry and Biomolecular Sciences

### Postgraduate Professional Development Programs

Entry to CBMS825, CBMS860 and CBMS861 require students to have completed an undergraduate degree in chemistry.

Enquiries: Dr Danny Wong  
Tel: (02) 9850 8300  
Fax: (02) 9850 8313  
Email: danny.wong@mq.edu.au  
Website: www.cbms.mq.edu.au/quality

<b>CBMS825</b>	<b>Chemical Analysis II</b>	<b>4cp</b>	<b>\$3,056</b>
Session 1	D		
Staff contact	Dr Danny Wong		

The chemical principles and practice of identifying and determining the composition are discussed. Topics covered include many analytical techniques commonly employed in both industrial and academic research laboratories. The unit emphasises hands-on experience in analysing real-life samples. A proportion of the unit develops skills in the use of modern library resources and electronic information retrieval.

<b>CBMS860</b>	<b>Analytical Measurement Uncertainty and Method Validation</b>	<b>4cp</b>	<b>\$3,056</b>
Session 1	EX		
Staff contact	Dr Danny Wong		

This unit covers the estimation principles of measurement uncertainty of values deriving from analytical chemistry measurement procedures and a systematic approach to the process of validating an analytical chemistry measurement method. These will then be applied to specific examples from common analytical chemistry.

<b>CBMS861</b>	<b>Laboratory Quality Systems Method Validation</b>	<b>4cp</b>	<b>\$3,056</b>
Session 2	EX		
Staff contact	Dr Christopher McRae		

The unit will cover a number of topics concerning the implementation of good quality systems within an analytical test laboratory. These include various quality standards (ISO 17025, ISO 9000, GLP), the reasons for implementing such standards and their requirements with respect to laboratory practices, as well as the accreditation process through agencies such as NATA.

### Special Education

Please contact Mrs Sharyn Gilkes for information about Non-award study in this area:  
Phone: (02) 9850 8695  
Email: sharyn.gilkes@mq.edu.au  
Web: www.musec.mq.edu.au