



Master of Laboratory Quality Analysis and Management

In collaboration with The National Measurement Institute and The National Association of Testing Authorities, Australia, the Department of Chemistry and Biomolecular Sciences, Macquarie University offers the Master of Laboratory Quality Analysis and Management to train graduates with familiarity and understanding of the increasingly stringent rules and requirements in advanced chemical laboratory quality assurance and management. The program is primarily designed for practising analytical chemists, laboratory supervisors and/or managers who need to improve their understanding of good quality practice and how to implement this in their laboratory, so as to produce more reliable results, understand the accuracy of their measurements and to comply with accreditation requirements.

Admission information

Fees per credit point: \$520.00 (in 2009)
F/T candidature length (years): 1.0/EqP
Attendance modes: Internal
Commencing: First Half Year, Second Half Year
Study modes: Full-time, Part-time
Admission requirements: Bachelor degree in related field or other tertiary qualifications combined with relevant work experience.
Credit points required for the award: 32

Program structure

Study pattern: Chemical Quality Analysis and Management

Code: CHEM01P

Required

CBMS860 Analytical Measurement Uncertainty and Method Validation (4)
CBMS861 Laboratory Quality Systems (4)
CBMS825 Chemical Analysis II (4)
ICMS812 Entrepreneurial Leadership (4)
MIST811 Information Management (4)

12 cp from

CBMS809 Biochemistry (4)	CBMS841 Organic & Biological Chemistry B (4)
CBMS832 Protein Discovery and Analysis (4)	CBMS842 Medicinal Chemistry (4)
CBMS833 Functional Proteomics (4)	STAT821 Multivariate Analysis (4)
CBMS840 Organic & Biological Chemistry A (4)	STAT830 Prelude to Bioinformatics (4)

Postgraduate Diploma in Laboratory Quality Analysis and Management

In collaboration with The National Measurement Institute and The National Association of Testing Authorities, Australia, the Department of Chemistry and Biomolecular Sciences, Macquarie University offers the Postgraduate Diploma in Laboratory Quality Analysis and Management to train science graduates who are increasingly engaged in work related to analytical chemistry.

Admission information

Fees per credit point: \$520.00 (in 2009)
F/T candidature length (years): 1.0/EqP
Attendance modes: Internal
Commencing: First Half Year, Second Half Year
Study modes: Full-time, Part-time
Admission requirements: Bachelor degree in related field or other tertiary qualifications combined with relevant work experience.
Credit points required for the award: 24

Program structure

Study pattern: Chemical Quality Analysis and Management

Code: CHEM05P

Required

CBMS825 Chemical Analysis II (4)
CBMS860 Analytical Measurement Uncertainty and Method Validation (4)
CBMS861 Laboratory Quality Systems (4)
MIST811 Information Management (4)

8 cp from

CBMS809 Biochemistry (4)	CBMS841 Organic & Biological Chemistry B (4)
CBMS832 Protein Discovery and Analysis (4)	CBMS842 Medicinal Chemistry (4)
CBMS833 Functional Proteomics (4)	STAT821 Multivariate Analysis (4)
CBMS840 Organic & Biological Chemistry A (4)	STAT830 Prelude to Bioinformatics (4)

Postgraduate Certificate in Laboratory Quality Analysis and Management

The program is an abbreviated version of the Postgraduate Diploma in Laboratory Quality Analysis and Management, comprising two of the four core units of the Postgraduate Diploma program. The Postgraduate Certificate program shares similar aims to those stated for the Postgraduate Diploma program.

Admission information

Fees per credit point: \$520.00 (in 2009)
F/T candidature length (years): 0.5/EqP
Attendance modes: Internal
Commencing: First Half Year, Second Half Year
Study modes: Full-time, Part-time
Admission requirements: Bachelor degree in related field or other tertiary qualifications combined with relevant work experience.
Credit points required for the award: 12

Program structure

Study pattern: Chemical Quality Analysis and Management

Code: CHEM07P

Required

CBMS860 Analytical Measurement Uncertainty and Method Validation (4)
CBMS825 Chemical Analysis II (4)

4 cp from

CBMS832 Protein Discovery and Analysis (4)	CBMS861 Laboratory Quality Systems (4)
CBMS840 Organic & Biological Chemistry A (4)	MIST811 Information Management (4)
CBMS841 Organic & Biological Chemistry B (4)	STAT830 Prelude to Bioinformatics (4)
CBMS842 Medicinal Chemistry (4)	

Disclaimer: This publication is correct at time of printing: July 2009.
Macquarie University reserves the right to change program details at any time and change its fees without notice.

Enquiries

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