

Diploma of Laboratory Technology (Biological/Ecological Testing and Chemical Testing)

CRICOS 073056B, Course MSL50109

Duration includes Certificate IV in Laboratory Techniques (Biological Testing and Chemical Testing)

Course Outline

This course provides training in paraprofessional support in a range of scientific laboratories. The course encompasses a range of skills, techniques and processes so that graduates are flexible, adaptable and competent to meet the technological and administrative demands of the workforce. Chisholm offers excellent laboratory facilities, which simulate the conditions found in industry. A 2-week industry work experience placement is undertaken during course.

Note: Some evening classes may be required

Campus

Frankston

Cost (2012 intake)

\$10,400 Yr 1 + \$150 MF

\$14,800 Yr 2 + \$130 MF

Duration

2 years

Entrance Requirements

Equivalent Year 11

Equivalent IELTS 5.5

Intake

February and July

Study Areas

- Maintain instruments and equipment
- Provide information to customers
- Perform microbiological tests
- Apply routine spectrometric, chromatographic and electrophoretic techniques
- Obtain representative samples in accordance with sampling plan

Employment Opportunities Chemical Scientist Assistant, Laboratory Assistant, Laboratory Worker, Quarantine Inspector's Assistant, Technical Assistant

Units

YEAR 1 (Certificate IV in Laboratory Techniques (Biological Testing and Chemical Testing))

Perform standard calibrations
Communicate with other people
Process and interpret data
Use laboratory application software
Maintain the laboratory fit for purpose
Maintain laboratory/field workplace safety

Plan and conduct laboratory/field work
Apply quality system and continuous improvement processes
Obtain representative samples in accordance with sampling plan
Perform basic tests
Perform aseptic techniques
Perform microscopic examination
Prepare, standardise and use solutions
Perform chemical tests and procedures
Perform physical tests and procedures
Perform biological procedures

YEAR 2

Provide information to customers
Analyse data and report results
Maintain and control stocks
Assist in the maintenance of reference materials
Maintain instruments and equipment
Prepare practical science classes and demonstrations
Schedule laboratory work for a small team
Prepare culture media
Capture and manage scientific images
Perform microbiological tests
Apply routine chromatographic techniques
Perform molecular biology tests/procedures
Apply routine spectrometric techniques
Apply routine electrometric techniques

Need more information? Want to apply?

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Please note: All information is correct at time of publication (November 2011). Chisholm Institute reserves the right to alter this information and/or withdraw courses listed.