The Master of Laboratory Medicine is a multidisciplinary program that provides advanced training and education in the area of diagnostic pathology. Most graduates are employed as medical scientists in hospital and private diagnostic laboratories or medical research facilities. They are responsible for the laboratory based diagnostic and experimental procedures used in the investigation, diagnosis and monitoring of disease.

This coursework program is designed to provide an advanced qualification and enable graduates to apply a range of diagnostic procedures in a clinical pathology laboratory. It is offered to graduates from BSc degrees that have a biological science focus. These graduates would have had limited or no experience in diagnostic pathology disciplines.

Mode and duration
Note: part-time study is not available to international students.

The Masters program is two years full-time (four semesters). Students are able to exit the program with a Graduate Certificate in Laboratory Medicine after successful completion of the first semester.

The program starts midyear (early July).

Career outlook
Graduates are normally employed as medical scientists in the field of diagnostic pathology or in medical research. They usually work in the following areas:

- Hospital pathology laboratories
- Medical research institutes
- Private pathology laboratories
- Forensic pathology

Program structure
The Master of Laboratory Medicine program will allow you to specialise in one clinical pathology discipline. The disciplines offered are:

- Clinical Biochemistry
- Clinical Microbiology
- Haematology
- Histopathology
- Transfusion and Transplantation Science

Semester one
The first semester of the program will allow you to choose three of these disciplines. This will give you a broad introduction to the clinical pathology profession. It will also give you a good basis on which to choose the areas of the profession for further study. At this stage you can exit the program with a Graduate Certificate of Laboratory Medicine.

Semester two and three
The second and third semesters will allow you to focus on two disciplines. These will be studied in-depth and will result in you being professionally capable in two areas of the diagnostic industry. It is important that you are multiskilled at this level.

Semester four
The fourth semester will focus on one discipline. High level skills will be developed in this area and a project will also be completed which is associated with the chosen discipline.

Pathways
Applicants with a degree in laboratory medicine (medical laboratory science) may receive a credit exemption for the first semester. You would then start in February and complete the program in one and a half years.

Aruna Devi
Master of Laboratory Medicine, Fiji

‘RMIT offers just what I want. The Master of Laboratory Medicine provides a good mix of theoretical, practical and research based learning in fully equipped teaching laboratories. Each station has a computer and all lectures are available online as MP3 Microsoft PowerPoint presentations. All tutors and demonstrators have industry experience, and lecturers are always available for individual consultations.’
Entrance requirements

Academic
Applicants for the Master of Laboratory Medicine must have a three-year university degree in the biological sciences area as a minimum. Eligible qualifications include:

- Bachelor of Science degree in Biochemistry, Biomedical Science, Biotechnology, Microbiology or Physiology
- Bachelor of Pharmacy, or Veterinary Science
- Medical degree

English language
One of the following:

- IELTS (Academic) — 6.5+ (no band less than 6.0)
- TOEFL Paper based — 580+ (TWE 4.5+)
- TOEFL Computer based — 237+ (TWE 4.5+)
- TOEFL Internet based (iBT) — Overall score 92, minimum 20 in all sections
- REW — English for Academic Purposes Advanced 2

Application procedures

Apply any time via: International Student Application Form
www.rmit.edu.au/international/prospective
Tel. +61 3 9925 5156
Email: isu@rmit.edu.au

Fees
Tuition fees are subject to annual adjustment and are not fixed for the duration of study. Changes to fees are applied from 1 January each year. For up-to-date international fee information please visit www.rmit.edu.au/international/programfees

Candidates are expected to complete their program within the maximum candidature time permitted for the program.

Teaching methods
Teaching methods applied in this program include lectures, tutorials, seminars, practical classes and, in some courses, visits to industry settings. In all courses you are encouraged to develop independent learning skills and use RMIT Online to access a wide range of learning and assessment materials.

Assessment
Assessment is ongoing throughout the semester and may include examinations, essay/reports, oral class presentations, group projects, research projects, laboratory projects and practical assignments.

Further general information

Contact: International Services
Address: GPO Box 2467U
Melbourne VIC
Australia 3001
Tel. +61 3 9925 5156
Fax: +61 3 9925 6925
Email: isu@rmit.edu.au
www.rmit.edu.au/international
www.rmit.edu.au/postgrad

RMIT University, Bundoora campus
Plenty Road, Bundoora VIC 3083
PO Box 71, Bundoora VIC 3083

- RMIT’s Bundoora campus is a vibrant centre of learning set in a tranquil, tree-studded semi-rural setting. Located 18 kilometres north-east of the city centre of Melbourne, the campus is divided into East and West by Plenty Road.
- The campus offers high-tech study facilities and easy access to parking and public transport.
- Bundoora campus offers extensive modern sporting facilities, including the Bundoora Netball and Sports Centre, which includes badminton, netball, volleyball, squash, tennis, indoor soccer and basketball courts, as well as a hockey pitch and a fitness centre.
- Public transport access via tram and bus services linking with railway stations: Tram number 86; Bus 562, 563, 564, 566 and 570.
- Affordable on-campus parking available.

Further program information

Contact: Dr Peter Roche
Address: School of Medical Sciences
Building 223, Level 2
Plenty Road, Bundoora, VIC 3083
Tel. +61 3 9925 7075
Fax: +61 3 9925 6645
Email: peter.roche@rmit.edu.au
www.rmit.edu.au/medical-sciences
www.rmit.edu.au/postgrad

Disclaimer: Applicants are advised to confirm details with the relevant RMIT School before making an application.
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