Postgraduate Diploma in Medical Laboratory Science

With the Postgraduate Diploma in Medical Laboratory Science you gain specialist skills in a chosen field of medical laboratory science, and learn to apply contemporary theory to current practice.

Medical laboratory scientists are facing new challenges as technologies evolve and diagnostic services change. Top-level evaluative and management skills are in demand along with specialised skills in research and development. The Postgraduate Diploma in Medical Laboratory Science prepares you for the challenges and opportunities ahead.

This programme is oper[illegible]ists (New Zealand registration and pr[illegible]ed). There's an opportunity to f[illegible] a[illegible]ecialised scientist pathway.

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(https://tahatu.govt.nz/qualifications/view/AK1027/7008)

Entry requirements

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Minimum entry requirements

An applicant must:

- Have completed the Bachelor of Medical Laboratory Science, or equivalent
- Be registered as a Medical Laboratory Scientist with the Medical Sciences Council of New Zealand (MSCNZ)
- Hold a current Practising Certificate as a Medical Laboratory Scientist, issued by the MSCNZ

International student entry requirements (https://www.aut.ac.nz/study/entry-requirements/international-student-entry-requirements)

English language requirements

- IELTS (Academic) 6.5 overall with all bands 6.0 or higher; or equivalent

English language requirements (./?external-uuid=e982c588-3c88-4b0c-b90c-93276c1ba747)

What you study

What you study

This is a coursework programme with courses drawn from those in the Master of Medical Laboratory Science. You complete advanced-level courses to make up a total of 120 points.

You can follow either a management or a specialist scientist pathway.

Complete the following courses

- MELS802 Quality Assurance in Laboratory Services (30 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=MELS802)
- SCIE802 Scientific Research, Application and Communication (30 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=SCIE802)

And either

Specialist Scientist pathway

Graduates gain the ability to plan and execute laboratory-based research and critically analyse the efficiency and accuracy of existing laboratory techniques in the context of patient care.

Complete this course:

- PHIL880 Ethics of Biotechnology (30 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=PHIL880)

And choose one of:

- SCIE803 Specialist Readings in Applied Science (30 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=SCIE803)
- SCIE804 Selected Topics in Applied Science (30 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=SCIE804)
- GENE802 Contemporary Molecular Genetics (30 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=GENE802)

You need a total of 120 points to complete this programme.

Or

Management pathway

Graduates gain the ability to critically analyse strategic and operational processes and examine the evidential base underpinning health policy development.

One course from:

- MELS801 Biomedical Ethics (15 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-

refresh.php?paper_code=MELS801)

- HEAL825 Applied Healthcare Ethics (15 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=HEAL825)

And choose three from:

- HEAL837 Health Policy Applied (15 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=HEAL837)
- HEAL816 Special Topics (15 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=HEAL816)
- HLAW801 Health Law (15 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=HLAW801)
- HEAL817 Leadership and Management I (15 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=HEAL817)
- HEAL818 Leadership and Management II (15 points) (//www.aut.ac.nz/rc/arion_address/paperdetails-refresh.php?paper_code=HEAL818)

You need a total of 120 points to complete this programme.

More information about the Postgraduate Diploma in Medical Laboratory Science

Email science.postgraduate.admin@aut.ac.nz (mailto:science.postgraduate.admin@aut.ac.nz)

Related programmes

Related programmes

- Postgraduate Certificate in Medical Laboratory Science (https://www.aut.ac.nz/study/study-options/science/courses/postgraduate-certificate-in-medical-laboratory-science)
- Master of Medical Laboratory Science (https://www.aut.ac.nz/study/study-options/science/courses/master-of-medical-laboratory-science)

The information on this page was correct at time of publication. For a comprehensive overview of AUT qualifications, please refer to the Academic Calendar (https://www.aut.ac.nz/about/auts-leadership/official-aut-publications/read-by-section-academic-calendar) .