

GRADUATE PROFILE FOR THE BACHELOR OF MEDICAL LABORATORY SCIENCE

A graduate of the Bachelor of Medical Laboratory Science will be able to:

- a) Apply knowledge of qualitative and/or quantitative analysis methods to aid the diagnosis, screening and monitoring of health and disease.
- b) Demonstrate proficiency with a range of diagnostic methods and practical skills for diagnostic data collection and analysis.
- c) Apply knowledge of a logical and systematic approach to troubleshooting.
- d) Apply understanding of the concepts of safe practice in the disciplines of medical laboratory science.
- e) Apply critical and reflective thinking to practice.
- f) Demonstrate appropriate use of laboratory information and quality management systems.
- g) Evaluate and apply research to support evidence-based practice.
- h) Practice in an ethical and professional manner consistent with relevant legislation and regulatory requirements.
- i) Adhere to national and international standards, practices and values when performing their duties. This includes engaging with tikanga practice.
- j) Apply scientific knowledge and critical thinking to solve complex challenges at local and global scales.
- k) Communicate medical laboratory science appropriately to different audiences using a wide range of media. Students will deliver medical-laboratory-science-informed messages and arguments that influence people and issues.
- l) Work with others, using effective teamwork, collaboration and leadership capabilities.
- m) Design and undertake self-led medical laboratory science projects that combine interests, aptitudes, knowledge base and application of knowledge, from inception to successful conclusion.
- n) Play an active role as an Aotearoa New Zealand and global citizen, contributing to society through their uniqueness, creativity, worldviews, and innovation. This includes the ability to engage in scientific enquiry in a way that honours their role as a partner in Te Tiriti o Waitangi.
- o) Reflect on ways in which their social responsibility and action make a difference, underpinned by scientific methodology and philosophy and sustainability.