

Graduate Diploma in Science (GradDipSc) HA1042 for BSc Graduates leading to Registration by the Medical Sciences Council of New Zealand

Note: This information must be read in conjunction with registration information found at www.msccouncil.org.nz

Course Summary

This programme provides a formal pathway to registration as a Medical Laboratory Scientist for current medical laboratory employees possessing a Bachelor of Science degree. Upon successful completion of the Graduate Diploma in Science (GradDipSc) and the acquisition of two years of relevant professional work experience, measured from the commencement date of the academic programme, candidates are eligible to apply for registration with the Medical Sciences Council of New Zealand (MSCNZ). Candidates engaged in full-time employment while studying part-time can typically expect to complete the GradDipSc within two to three years.

Admission requirements:

Applicants wishing to enroll in the Graduate Diploma in Applied Science must meet the following criteria:

- Hold a bachelor's degree in science.
- Be currently working in an IANZ accredited medical laboratory and have worked in a New Zealand IANZ accredited medical laboratory for at least **two-years** full time in a laboratory discipline.
- Be New Zealand citizens or permanent residents.
- Be registered with the Medical Sciences Council of New Zealand as a medical laboratory technician.
- Academic IELTS of 6.5 or greater for students not educated in NZ.

Application process:

1. AUT applications must be accompanied by a letter of support from the current employer indicating that the candidate has at least two years of suitable work experience in a specific discipline and that the employer will permit the candidate to carry out the necessary laboratory work to complete the courses recommended for the GradDipSc. Employers do not receive payment for the papers in Table Two below. The employer declaration is attached.

2. Applicants must meet with the Programme Leader, Bachelor of Medical Laboratory Science, AUT, to confirm eligibility for admission to the GradDipSc. The Programme Leader will approve of a course of study.
 3. Applicants receive written confirmation from AUT regarding enrollment.
- Steps 1, 2, and 3 must be completed before applicants can be accepted onto the programme.
 - If a candidate does not have employer support, they may still be considered eligible to enroll in the general GradDipSc, however, this will NOT lead to registration as a medical laboratory scientist.

Required papers.

The GradDipSc course of study leading to registration as a Medical Laboratory Scientist consists of four papers (15 credits each) from Table One plus one paper (60 credits) from Table Two. Total 120 credits

Pre-requisites for these papers are relevant experience in discipline and/or relevant tertiary study.

Table One

Note: To enroll in the papers listed in Table One, candidates must have successfully completed the prerequisites. All students must take the level 6 pre-requisites for their specialization courses. Courses must be selected from the Bachelor of Medical Laboratory Science (BMLS) pathway.

Code	Title	Credits
MELS612	Immunohematology	15
MELS603	General Pathology	15
MELS607	Medical Microbiology	15
MELS611	Clinical and Chemical Pathology	15
GENE603	Cells, Genes and Molecules	15
GENE604	Diagnostic Genetics	15
MELS722	Advanced Immunology	15
MELS723	Advanced Hematology	15
MELS725	Advanced Medical Microbiology	15
MELS726	Advanced Transfusion Science	15
MELS727	Advanced Histology and Cytology	15
MICR700	Decoding Life *	15

* Approved by programme leader.

Table Two

Note: The courses listed in Table Two may only be undertaken with the prior approval of the student's current employer to provide clinical placement. Please be advised that AUT does not offer financial remuneration to the employer for the clinical placement component.

Code	Title	Points	Pre-requisite papers
MELS711	MLS Clinical Training: Clinical Chemistry	60	MELS724, MELS611
MELS712	MLS Clinical Training: Molecular Diagnostics	60	GENE603, or GENE604, MICR700
MELS714	MLS Clinical Training: Hematology	60	MELS723, MELS 612
MELS715	MLS Clinical Training: Histology	60	MELS727, MELS603
MELS716	MLS Clinical Training: Immunology	60	MELS722, MELS612
MELS717	MLS Clinical Training: Medical Microbiology	60	MELS725, MELS607
MELS718	MLS Clinical Training: Transfusion Science	60	MELS726, MELS612

For further information, or to make an appointment please contact Sharita Meharry, Programme Leader, Bachelor of Medical Laboratory Science, AUT.
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Grad Dip Form for
employer to sign 2021