

- demonstrate a sound knowledge and practical skills to function as a medical technician or technical officer in a medical pathology laboratory
- demonstrate a sound knowledge and practical skills to function as a medical technician or technical officer in the disciplines of haematology, transfusion science, histology, clinical biochemistry and microbiology within a pathology laboratory
- be able to demonstrate a sound grounding in biological sciences with a major emphasis on human health and disease
- have a working knowledge of the fundamentals of chemistry
- be capable of applying these principles to problem-solving
- possess skill in drawing upon the growing content of knowledge in these disciplines
- have demonstrated competence in laboratory techniques and the use of instrumentation relevant to the pathology laboratory services
- have an awareness of the principles of laboratory safety as applicable in the areas studied in the program
- be able to use computers to assist them to obtain and analyse data and solve problems in the areas studied in the program
- be motivated to sustain life-long learning
- be aware of the social, moral, and legal responsibilities of professional medical pathology science students
- possess skills and knowledge that allo

Major study: Laboratory Medicine								
Course	Year of program and semester in which course is normally studied						Residential school (compulsory /optional)	Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)			
	Year	Sem	Year	Sem	Year	Sem		
BIO2214 Pathology Clinical Placement 3[^]	2	2						Pre-requisite: BIO2105
BIO2215 Clinical Biochemistry 1	2	2	2	2				Pre-requisite: BIO1103
BIO2216 Histopathology 1	2	2	2	2				Pre-requisite: BIO1103
BIO2217 Transfusion Science			2	2				Pre-requisite: BIO1103 and BIO2108

Footnotes

- * Each of these courses has compulsory residential schools. Candidates with evidence of Recognised Prior Learning (RPL) may seek exemption from some courses and/or residential schools in the 1st year of the program.
- [^] Current employees of pathology service providers with a minimum of 2 years full-time or equivalent relevant technical experience may seek exemption from Pathology Clinical Placements courses 1 to 3 on the basis of approved industrial experience.