Bachelor of Medical Laboratory Science

COURSE OUTLINE
Charles Darwin University (CDU) in collaboration with the Royal Darwin Hospital Pathology Department, has introduced a Bachelor of Medical Laboratory Science program from 2011. Features of the course include work-integrated learning, accelerated option and opportunities for part-time, laboratory-based work and industry placements and scholarships.

Medical Laboratory Science
- Provides information for detecting diseases and monitoring treatment
- Essential for every patient needing healthcare, pathology testing and health monitoring

This program features:
- Professional training in diagnostic laboratories
- Work integrated learning with clinical placements

With a national and worldwide shortage in the field, now is the time to consider a career in medical laboratory sciences.

CAREER OPPORTUNITIES
Medical Laboratory Science is a discipline that has identified workforce shortages both in the Northern Territory and more widely in Australia. Graduates of the course will have the core knowledge and skills to work in diagnostic pathology laboratory, medical research, and the medical or allied healthcare profession, providing a service that is essential to the health care system. Medical Laboratory Scientists also undertake research into the causes and cures of disease, and work towards improving the reliability and efficiency of tests used in disease diagnosis and monitoring. Graduates are employed in fields such as diagnostic pathology, forensic pathology, and research laboratories, as well as health management, public health departments, the Red Cross Blood Service, educational institutes and the pharmaceutical industry.

Course Summary

SATAC COURSE CODE
114861

CAMPUS
CASUARINA

MODE
INTERNAL

DURATION
4 YRS F/T, EQUIV P/T

SEMESTER INTAKE
S1
COURSE STRUCTURE
The Bachelor of Medical Laboratory Science is a vocational and professionally oriented degree designed to prepare students for a career as a medical laboratory scientist. In the first year, students will study chemistry, anatomy and physiology, microbiology and haematology. The second year will include biochemistry, biotechnology, microbiology, immunology and histology. In their third year, students will study transfusion medicine, clinical biochemistry, microbiology, and cell pathology before learning about various clinical applications in a professional placement setting, such as analysing blood, identifying infectious organisms and investigating cellular, chemical and toxicological abnormalities. Placements will be undertaken in approved diagnostic and research laboratories both in and around Darwin.

POST GRADUATE OPTIONS
CDU offers a Bachelor of Science (Honours), Masters by Research and Doctor of Philosophy degrees for students interested in pursuing a research career in medical or laboratory science.