



قوليتيكنيك بروني
POLITEKNIK BRUNEI

SCHOOL OF HEALTH SCIENCES

Level 5 Diploma in Health Science (Cardiovascular Technology)

"This programme provides an insight into the ever-evolving field of cardiovascular diagnostics. Correspondingly, the role of the cardiovascular technologist has also been evolved from that of a mere technician to that of a more holistic professional with clinical acumen. The programme also adopts an integrated clinical approach, giving students the opportunity to experience both invasive and non-invasive cardiovascular laboratories early on. This will leave them in good stead for a future career in the field."

Career Opportunities

Graduates of this programme will have the opportunity to work in various health institutions; both public and private as cardiovascular technologist or cardiac nuclear medicine department and several private clinics with cardiac investigation modalities are also potential future employers.

Further Studies Opportunities

This programme can be used as a platform to further an individual's career as they may wish to pursue a Bachelor's degree in a related field and beyond upon completion of this Level 5 Diploma programme.

Programme Duration: 3 Years Full time

Year 1, Semester 1	
Module Title	Module Type
Communication Skills for Health Professionals	Core
Anatomy and Physiology for Healthcare Professional 2	Core
Applied Sciences	Essential
Clinical Pharmacology	Essential
Cardiovascular Physiology	Specialised
Clinical Practice 1	Specialised
Year 1, Semester 2	
Module Title	Module Type
Pengajian Melayu Islam Beraja	Core
Pendidikan Islam	Core
Mathematics for Statistics	Core
Information Technology	Core
Anatomy and Physiology for Healthcare Professionals 1	Core
Electrocardiography	Specialised
Clinical Practice 2	Specialised
Year 2, Semester 3	
Module Title	Module Type
Understanding Research and Evidence Based Practice	Core
Microbiology	Essential
Invasive Cardiovascular Laboratory	Specialised
Non-invasive Cardiovascular Laboratory	Specialised
Echocardiography 1	Specialised
Clinical Practice 3	Specialised
Year 2, Semester 4	
Module Title	Module Type
Adult cardiology	Specialised
Echocardiography 2	Specialised
Cardiac Surgery	Specialised
Vascular System	Specialised
Clinical Practice 4	Specialised
Year 3, Semester 5	
Module Title	Module Type
Leadership and Management for Health Professional	Essential
Paediatric Cardiology	Specialised
Paediatric Echocardiography	Specialised
Electrophysiology & Cardiac devices	Specialised
Clinical Practice 5	Specialised
Year 3, Semester 6	
Module Title	Module Type
Research Proposal	Core
Internship	Core
Throughout 3 years programme	
Enrichment	Core