POLITEKNIK BRUNEI

SCHOOL OF INFORMATION & COMMUNICATION TECHNOLOGY

Level 5 Diploma in
Data Analytics

"The programme aims to equip students with a strong foundation in data analytics principles, methodologies, and technologies. Moreover, the programme also provides students with hands-on experience with data analytics tools and techniques to manipulate, analyse, and visualize data effectively"

Career Opportunities

Data Analyst, Data Scientist, Database Designer, Business Intelligence Analyst, Data Engineer, Big Data Analyst, Project Manager (Data Analytics)

Further Studies Opportunities

Bachelor's degree in ICT related fields within local or International universities.

Programme Duration: 2.5 Years Full time

Year 1, Semester 1

Module Title	Module Type
Pendidikan Islam	Core
Communication Skills	Core
Health, Safety, Security and Environment	Core
Computer System Architecture	Essential
Data Analytics and Society	Specialised
Statistical Mathematics for Computing	Specialised

Year 1, Semester 2

Module Title	Module Type
Pengajian Melayu Islam Beraja	Core
Entrepreneurship Basics	Core
Database Design and Implementation	Essential
Python Programming	Essential
Data Analytics Use Cases	Specialised
Data Exploration & Visualisation	Specialised

Year 2, Semester 3

Module Title	Module Type
IT Project Management	Essential
Applied Programming for Data Analytics	Specialised
Data Engineering	Specialised
Data Structures and Algorithms	Specialised

Year 2, Semester 4

Module Title	Module Type
Internship	Core
Elevate	Core

Year 2, Semester 5

Module Title	Module Type
Final Year Project (IT Project)	Essential
Big Data Solutions	Specialised
Data Analytics Tools	Specialised

Throughout 2.5 years programme	
Enrichment	Core