

Level 5 Diploma in

Digital
Solutions

The programme focuses on emerging fields such as Design Thinking, ICT Infrastructure, Internet of Things (IoT), Full Stack Web Development, and Applied AI & Machine Learning. It aims to develop digitally literate, innovation driven graduates who are capable of addressing real world challenges and contributing to Brunei's digital transformation efforts.

CAREER OPPORTUNITIES

Software and Web Developer

Digital Infrastructure and Support

Internet of Things (IoT) area

AI and Data area

UX/UI Area

Digital Transformation and Tech Support
Roles

FURTHER STUDIES
OPPORTUNITIES

BDQF Level 6:

BSc (Hons) in Computing/Computer
Science/Software Engineering

BSc (Hons) in Information Systems

Bachelor in Data Science or Artificial
Intelligence

Bachelor in Web & Mobile App
Development

Bachelor in IoT & Smart Technology

Programme Structure

Programme Duration: 2.5 Years Full Time

YEAR 1, SEMESTER 1

MODULE TITLE	MODULE TYPE
Pendidikan Islam	Core
Communication Skills	Core
Fundamental Mathematics	Core
Green & Digital Literacy for Sustainability	Core
Introduction to Programming using IoT	Essential
ICT Infrastructure Basics	Essential

YEAR 1, SEMESTER 2

MODULE TITLE	MODULE TYPE
Pengajian Melayu Islam Beraja	Core
Health, Safety, Security & Environment	Essential
Database Design & Implementation	Essential
Systems Analysis & Design	Essential
Cybersecurity Essentials for IT Professionals	Essential
Applied AI & Machine Learning Basics	Essential

YEAR 2, SEMESTER 3

MODULE TITLE	MODULE TYPE
IT Project Management	Essential
User Experience Design	Essential
Technopreneurship	Essential
Mobile Application Development	Specialised
Full Stack Web Development	Specialised

YEAR 2, SEMESTER 4

MODULE TITLE	MODULE TYPE
Final Year Project (IT Project)	Essential
Cloud Services	Essential
Development Operations	Essential

YEAR 3, SEMESTER 5

MODULE TITLE	MODULE TYPE
Internship	Core
Elevate	Essential

THROUGHOUT 2.5 YEARS PROGRAMME

MODULE TITLE	MODULE TYPE
Enrichment	Core