

## **Bachelor of Information Technology (Hons) in Software Engineering**

### **Overview**

This course is designed to prepare students for careers in the field of software engineering who are knowledgeable and competent in software engineering process and activities such as software engineers, requirement engineers, software designers and software testers or test engineers and software developers.

### **Duration:**

Full Time - 3 Years (9 semesters)

### **Entry requirements:**

- At least 2 'A' Levels OR
- BDTVEC Higher National Diploma OR
- Advanced Diploma OR
- BDTVEC Higher National Certificate OR
- BDTVEC National Diploma OR
- Any other equivalent qualifications recognized by the Ministry of Education Brunei Darussalam

HADtech College Course Details  
*Bachelor of Information Technology (Hons) in Software Engineering*

**Programme Structure**

Semester / Year offered	Name of module
Semester 1 Year 1	*** Study Skills
	MIB (Melayu Islam Beraja)
	Programming Principles and Techniques
	Introduction to Information System
	English for Academic Purposes
Semester 2 Year 1	Computer Organization and Architecture
	Discrete Mathematics
	Information Security Management
	Business Communication
	Hubungan Etnik / Bahasa Melayu Komunikasi 2 (Int)
Semester 3 Year 1	Social Entrepreneurship
	Computer Ethics and Cyber Laws
	Databases
	Operating Systems
	Knowledge Management
Semester 4 Year 2	Data Communication and Computer Networking
	Human Computer Interaction
	Systems Analysis and Design
	Object-Oriented Programming
	Co-Curriculum

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Semester 5 Year 2	Internet Programming
	Statistics
	Software Engineering
	Elective 1
	Elective 2
Semester 6 Year 2	Software Project Management
	Specialization 1
	Specialization 2
	Specialization 3
Semester 7 Year 3	Minor Project
	Specialization 4
	Specialization 5
	Specialization 6
Semester 8 Year 3	Industrial Training
Semester 9 Year 3	Major Project
	Elective 3
	Issues in ICT
	Elective 4