

BACHELOR IN INFORMATION TECHNOLOGY (HONOURS)

(N/0611/6/0121) (MQA/PA 18253) 07/2030

This programme is designed to provide high quality undergraduate education to the students with the objective of preparing them for prolific careers and providing graduate training in the area of IT. This programme will reinforce IT areas while inventing and implementing new technology. The graduates will be able to apply sound judgement to the production, communal, ethical, and professional issues of the rapidly developing computing industry.



DURATION OF STUDY

Duration of Study: 3 years

CAREER PROSPECTS

- Web Developer
- Database Analyst
- Data Analyst
- Programmer
- Network Engineer
- IT Market Executive



CITY UNIVERSITY JOHOR BAHRU CAMPUS

G-01, Ground Floor, Menara Selia, Persiaran Southkey 1, Kota Southkey, 80150, Johor Bahru, Johor

☎ 07-213 3633 ✉ enquiry.jb@city.edu.my 🌐 www.cityujb.edu.my

BACHELOR IN INFORMATION TECHNOLOGY (HONOURS)

(N/0611/6/0121) (MQA/PA 18253) 07/2030

ENTRY REQUIREMENTS

- A pass in Matriculation or Foundation studies with minimum CGPA of 2.0 and a credit in Mathematics at SPM level or its equivalent; **OR**
- A pass in STPM with a minimum Grade C (GP 2.0) in any 2 subjects and a credit in Mathematics at SPM level or its equivalent; **OR**
- A Diploma in Computer Science **OR** Software Engineering **OR** Information Technology **OR** Information Systems or equivalent with a minimum CGPA of 2.5 and a credit in Mathematics at SPM level or its equivalent; **OR**
- Any other Diploma in Science and technology or business studies with a minimum CGPA of 2.5 may be admitted, subject to a rigorous internal assessment process and a credit in Mathematics at SPM level or its equivalent.
- *Pass DKM/DLKM/DVM (HEP is required to implement a screening & bridging program which correspond to the program field).

Note:

- Candidates with CGPA below 2.5 but above 2.0 with a credit in Mathematics at SPM level or its equivalent may be admitted, subject to a rigorous internal assessment process.
- Requirement for credit in Mathematics at SPM level of the candidate (i), (ii), (iii) or (iv) may be exempted if the qualification contains Mathematics subject and its achievement as the equivalent /higher than the subject credit requirement at SPM level.
- Candidate with a credit in computing related subject at SPM or STPM level or its equivalent may be given preferential consideration.

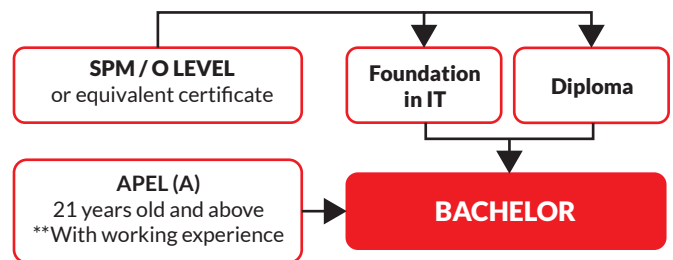
ENGLISH COMPETENCY REQUIREMENT (INTERNATIONAL STUDENT)

Evidence of good English competency orally and written 6.0/equivalent.

Senate minimum requirements:

A minimum score of 4.0 in IELTS OR / Malaysian University English Test (MUET) with Band 3 OR its equivalent.

PATHWAYS



SUBJECTS OFFERED

YEAR 1

- Corporate Governance
- Academic Skills/ Pengajian Malaysia 3
- Fundamental of Information Technology
- Introduction to Multimedia
- Computer Programming
- Professional Communication in IT
- Applied AI for Professional
- Fundamental of Computational Thinking: Python
- Discrete Mathematics
- Software Engineering
- Data Structure
- Computer Organization
- Operating System
- Database System
- Object-Oriented Programming
- Penghayatan Etika dan Peradaban / Bahasa Melayu Komunikasi 2

YEAR 2

- Hubungan Etnik/Pengajian Malaysia III
- Web Development
- Data Warehousing
- System Analysis & Design
- Artificial Intelligence
- Fundamentals of Modern Data
- Tamadun Islam Dan Tamadun Asia (TITAS) / Bahasa Melayu Komunikasi II
- Computer Communication & Networks
- Web Programming
- Cyber Security
- Decision Support System
- Introduction to Mobile App Development/Cloud Foundation*
- Co-Curriculum
- Human Computer Interaction
- DevOps: Transforming & Improving/ Cloud architecting*

YEAR 3

- Network Management
- Introduction to NoSQL Data Solutions/ Fundamental of Blockchain*
- Project 1
- Software Project Management
- E-Commerce
- Analyzing and Visualizing Data with Power BI/ Excel/ Advance Blockchain and cryptography*
- Entrepreneurship
- Project 2
- Industrial Training
- * Elective Subjects



CITY UNIVERSITY JOHOR BAHRU CAMPUS

G-01, Ground Floor, Menara Selia, Persiaran Southkey 1, Kota Southkey, 80150, Johor Bahru, Johor

☎ 07-213 3633 ✉ enquiry.jb@city.edu.my 🌐 www.cityujb.edu.my