



**Bachelor of Information
Technology (Honours)**
(Majoring in Information Science)

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**Bank Rakyat School of
Business, Innovation, Technology
& Entrepreneurship**
UNIRAZAK

BRSBITE was formed with the view that entrepreneurial activity is one of the pillars of a strong and vibrant economy. This unique founding school is dedicated to provide quality education in entrepreneurial leadership in Malaysia. Although big business is extremely vital for economic health and prosperity, strong cadre of SMLs and SMEs is also essential to ensure a diverse economy and to provide the required support to large enterprises and the community. BRSBITE recognises the fact that most of wealth accumulation is by starting one's own business, and that great products

and services begin with a single idea. Many aspiring entrepreneurs lack the knowledge and skills to convert their ideas into working solutions and practical businesses. UNIRAZAK's collaborations with its various partners grant its graduates exemptions for various professional certifications. Students are exposed to a variety of learning approaches provided by a team of well qualified and experienced academics and professionals in various areas of entrepreneurship, business and management-related fields.

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Information Science is an interdisciplinary discipline that involves the management of information: how it is collected, stored, and retrieved and then how it is effectively utilised or communicated according to the needs of an individual or organisation. In this age of advanced technology, the interpretation of massive amount of data is useful in the fields of business, industry, finance, medicine, science, agriculture, the environment and research etc. It is a fascinating field with enormous potential for improving efficiency as well as the quality of life all across the world.

This programme aims to develop competent and skillful graduates who can thrive in tomorrow's fast-paced digital age while contributing to improvements in their organisation and the world around them. An internship and elective courses that are hands-on and practical in nature are included in the programme, providing students with the necessary skills, competencies and understanding of industry expectations.



Industry-ready Graduates

UNIRAZAK IT courses equip students with the knowledge and abilities necessary to take on the new challenge of an IT profession.



Diverse Career Pathway

Graduates can work in both the commercial and technical areas of the computing industry including professional, manufacturing, commerce and small business.



Latest Courses

UNIRAZAK IT courses are supplemented with a wide range of subjects, including the most recent development in Information Technology skills, concepts and applications.



Multi-approach Learning

Students are exposed to current learning through a combination of theoretical approaches and practical implementation throughout their academic studies.



Courses Offered

MPU COURSES

- Tamadun Islam Tamadun Asia (TITAS) (Local)
- Hubungan Etnik (Local)
- Malaysian Studies (International)
- Bahasa Melayu Komunikasi 2 (International)
- Thinking Skills / Bahasa Kebangsaan A
- Introduction to the Malaysian Constitution
- Co-Curriculum (Professional Event Management / Community Engagement & Volunteering)

SCHOOL COURSES

- Information Technology Fundamentals
- Human Computer Interaction
- Information Security
- System Administration and Maintenance
- Computer Organization and Architecture
- Social and Professional Issues
- Web Systems and Technologies
- Information Management
- Mathematics and Statistics for IT
- Networking Fundamentals
- Programming Principles and Techniques
- Internet Programming
- Platform Technologies

INTERNSHIP

For Information Technology

PROGRAMME COURSES

- Web Segmentation and Analytics
- Introduction to Information Science
- Systems Analysis & Design
- Object-Oriented Programming
- Software Project Management
- Operating System
- Information Retrieval
- Artificial Intelligence and Intelligent Systems
- Data Warehousing and Data Mining
- Database Administration and Management
- Big Data Analytics
- Data Visualization
- Data Science

ELECTIVES (choose 4 courses only)

- Public Speaking 1
- Public Speaking 2
- Volunteerism and Service Learning
- Entrepreneurship and Innovation
- Problem Solving & Decision Making
- Service Operations Management
- Leadership, Innovation and Change
- Production and Operations Management
- Organizational Design
- Quality Management Systems and Auditing
- Contemporary Issues in Business
- Negotiation and Conflict Resolution
- Organizational Development
- Quality Management

FINAL YEAR PROJECT

- Project Paper in Information Technology

THE FUTURE

Admission Requirements

STPM

A pass with a minimum Grade C (GP 2.0) in any 2 subjects and a credit in Mathematics at SPM level or its equivalent; OR

MATRICULATION/FOUNDATION

Matriculation/Foundation qualification with minimum CGPA of 2.0 and a credit in Mathematics at SPM level or its equivalent; OR

DIPLOMA

- 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.

OTHERS

- Admission through Accreditation of Prior Experiential Learning or APEL.
- International students are required to achieve a minimum score in English requirements. Please inquire with UNIRAZAK's international marketing and sales team for these requirements.

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.

Candidate with a credit in computing related subject at SPM or STPM level or its equivalent may be given preferential consideration.



Career Opportunities

- Software Tool Developer
- Data Analyst
- Data Scientist
- Data Wrangler/Munger/Miner
- Chief Technology Officer (CTO)
- Data Analytics Manager
- Business Process Engineer
- Business Analyst Manager
- Data Innovation Manager
- Business Intelligence Developer
- IT Risk Analyst
- Advanced Analytics Professional
- Data Engineer
- Business Intelligence Analyst
- Machine Learning Scientist
- Business Intelligence Solutions Architect
- Analytics Manager
- Data Visualisation Developer

Study at an Award-winning University in the heart of a global city



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