BACHELOR OF INFORMATION TECHNOLOGY (HONOURS)

(N/482/6/0215) MQA/PA 14329

About this programme

The programme aims to produce graduates with knowledge and skills to be responsive to any organization's computing needs and to support Information Technology application, in line with the national aspirations.

DURATION OF STUDY

3 years

MODE OF STUDY

Full Time

ENTRY REQUIREMENTS

- A pass in STPM with a minimum grade of C (CGPA 2.00) in any TWO (2) subjects; OR
- A pass in STAM with a minimum grade of Jayyid in any TWO (2) subjects; OR
- A pass in Matriculation or Foundation studies with a minimum CGPA of 2.00; OR
- Any other Diploma (Level 4, MQF) with a minimum CGPA of 2.75. Candidates with a CGPA below 2.75 but more than 2.00 may be admitted subject to a thorough internal evaluation process;
  AND a credit in:
- Mathematics at SPM level or its equivalent; OR
- Candidates with a pass in Mathematics need to take reinforcement Mathematics with appropriate topics in the discipline of Information Technology and Information Systems at the beginning of the study.OR
- Diploma in Computing (Level 4, MQF) or equivalent with a minimum CGPA of 2.50. Candidates with a CGPA below 2.50 but more than 2.00 may be admitted subject to a thorough internal evaluation process; 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; OR
- Diploma Kemahiran Malaysia (DKM) / Diploma Vokasional Malaysia (DVM) in Computing fields with a minimum CGPA of 2.50 subjected to HEP Senate / Academic Board's approval; OR
- Diploma Lanjutan Kemahiran Malaysia (DLKM) in Computing fields with a minimum CGPA of 2.50 subjected to HEP Senate / Academic Board's approval. OR
- International Baccalaureate Diploma - Pass IB Diploma with Min. 26 points and above in 6 subjects including - Mathematics

ENGLISH COMPETENCY REQUIREMENT (INTERNATIONAL STUDENT)
Achieve a minimum score of 5.0 in the IELTS or equivalent.
If a student does not meet this requirement, the HEP must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.

Admission criteria through APEL.A :-

i. At least 21 years of age in the year of application.
ii. Possess relevant work experience.
iii. Pass the APEL.A assessment for Bachelor's degree level

CAREER PROSPECTS

- Web Developer
- Business Intelligence Analyst
- Computer Support Specialist
- Customer Care Consultant
- IT Marketing Executive
- System Analyst

PROGRAMME STRUCTURE

YEAR 1

- Principles of Information Technology
- Discrete Mathematics
- Programming Concepts and Design
- Operating Systems
- Principles of Networking
- English for Academic Enrichment
- Information Systems Security
- Human Computer Interaction
- Database Systems
- Object Oriented Programming
- Penghayatan Etika Peradaban/ Bahasa Melayu Komunikasi 2
- Falsafah dan Isu Semasa/ Malaysian Studies 3
- Data Communication
- Web Page Design
- Integrity and Anti-Corruption

YEAR 2

- Computer Architecture
- Concurrent and Real Time Systems
- Emerging Technologies
- Web Application Development
- Public Speaking and Presentation Skills
- Leadership and Professional Development
- IT Service Management
- Systems Administration and Maintenance
- Integrative Programming and Technologies
- Social and Professional Responsibilities
- AMUnited 2
- Principle of Marketing

YEAR 3

- Knowledge Management
- Network Monitoring and Security
- System Development Tools and Techniques
- Platform Technologies
- Organisation Management
- Research Method
- Internship
- Malaysian Business Environment
- Information Technology Collaborative Project

SPECIALIZATION ELECTIVE SUBJECTS

- **Business Process Integration**
- **Entrepreneurship**
- **Business Intelligence System**
- **Technology and Business Interaction**
- **Application and VB to E-Business**
- **Cyber Law**