- Mathematics for Computing
   JAVA programming II
- Fundamental of Computer
- Ethnic Relations (Local
- Malaysian Studies 3
- (International student) Semester 2

- Probability & Statistics

- Semester 3

  - Information Security or Creative and Innovation

Semester 4

- Civilization (Local student

- Fundamental of
- Semester 6
- Knowledge Managemen

## **Bachelor of Science (Hons) in Business Intelligence System**

gathering, storing, analyzing, and providing access to data to help enterprise users make better business decisions. The applications include the activities of decision support system, query and reporting, online analytical processing, statistical analysis, forecasting, and data mining.

- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including Mathematic; OR
- Pass Diploma in related field with minimum CGPA 2.5, Candidates with CGPA below 2.5 and above 2.0, thorough internal evaluation will be carried out;
- Any other equivalent qualifications recognised by the Malaysian Government

Students with a recognised Diploma in related field will be given advanced standing into the Degree programme.

- Comm. Theory & Study Skills

- Malavsian Studies 3

# Semester 2

- Elective 1
- Principles of Marketing
- Intro. To Information Systems
- Business Communication
- Communication Malay

- Object-Oriented Analysi
- Creative & Innovation
- Skills (International
- Semester 4

- Work Sociology and

Global Classroom
 All student

- Semester 5
   Software Project
- Database Design &
- one: Community Services
  Co-curricular

- Finance For Entrepreneu
- Technology & Innovation

The programme covers a broad area of applications and technologies for

### **Entry Requirement**

- STPM/ A Level with minimum 3 principals or CGPA 2.0; OR

- Pass Diploma in other fields with minimum CGPA 2.5; OR

- Mathematics for Computing Introduction to Finance

- (International student)

- Semester 3
  - Malaysian Industry
  - Semester 5
    - Market & Industry
    - Advance Statistical Method

• Business Intelligence Too

Global Classroom

All student Work Sociology and

Major Project 1

### • All student - Choose only on Community Services

- Semester 6 Artificial Intelligence
- Data Visualization and
- Data Mining Techniques

## **Bachelor of Science (Hons) in Information & Communication Technology**

The programme is designed to enable the students to develop skills in analysis, design, implementation and evaluation of many aspects of networking computing using new and established techniques and software tools.

### **Entry Requirement**

- STPM/ A Level with minimum 3 principals including general studies; OR
- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including Mathematic; OR
- Pass Diploma in related field; OR
- Any other equivalent qualifications recognised by the Malaysian Government

Students with a recognised Diploma in related field will be given advanced standing into the Degree programme.

# Semester 1

- Fundamental of Computer
- Mathematics for Computing Study Skills
- C++ Programming | Multimedia Technology Ethnic Relations (Local
- student) Malaysian Studies 3 (International student)
- Semester 2 Probability & Statistics Java Programming I
- Data Communication Database System Intro to Information
- Islamic Civilization and

# Semester 3

- Discrete Structure: Java Programming I
- Computer Architecture System Development Methods & Tools
- Bahasa Kebangsaan A DIP/DEG (Local) (local
- Skills (International student) Creative &
- Semester 4
- Engineering Wireless Network Web Programming with
- Network Design &

- Global Classroom Mobile System
  - Major Project I
- Computer Network
- student) or Creative & Innovation

Principles of Software

- All student -Work Sociolog
- Semester 5
- Innovation Skills
- Principles of Software

- Client/Server Architecture Operating System
- Database Design &
- All student Choose only one: Community Services

# Engineering

- and Malaysian Industry
- Software Project Management
  - Management • Practical Internship
  - Co-curricular
  - Semester 6 Elective Knowledge Management
- Major Project II • LAN Technology • High Speed Networks

 Pass Diploma in related field: OR • Network Security & Testir • Any other equivalent qualifications recognised by the Malay sian Government • Ethics & Professional Students with a recognised Diploma in related field will be given advanced standing into the Degree Conduct

**Bachelor of Science (Hons) in Electronic Commerce** Programme aims to equip students with updated knowledge and skills in both the technical and business aspects of electronic commerce. It develops students' analytical and business development skills that will enable to formulate and

# execute sales plans/strategies

- **Entry Requirement** • STPM/ A Level with minimum 3 principals including general studies; OR
- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including English and Mathematic and excluding
- Pass Diploma in related field; OR

other language, religious and moral studies; OR

Any other equivalent qualifications recognised by the Malaysian Government

Students with a recognised Diploma in related field will be given advanced standing into the Degree

# Semester 1

- Microeconomics Principles of Marketing

Practices

- Semester 3
- Basis of E-Commerce
- Fundamental of Computer
  - E-Business Application
- Study Skills Ethnic Relations (Local E-Commerce Theories & student)
  • Malaysian Studies 3
- (International student Semester 2
- Business Communication Skills

Probability & Statistics

- - student)

**Entry Requirement** 

programme.

- Islamic Civilization and

**Computing Technology** 

Theory & Study

Fundamental of Computer

SystemsMathematics for

student)

C++ ProgrammingMultimedia Technology

Creative StudiesEthnic Relations (Local

Malaysian Studies 3 (International studen

Introduction to Information

Semester 2

Database System

match the needs of both the Malaysian and international IT industry.

Bachelor of Science (Hons) in Cloud

other language, religious and moral studies; OR

student) Creative and Semester 4

or Creative and Innovation

Skills (International

Business Planning

Methods & Tools

- E-Advertising

practical standards in the field of Clpud computing and network communication to

• STPM/ A Level with minimum 3 principals including general studies; OR

SPM/SPVM with 5 credits including English and Mathematic and excluding

- Malay Language 2

Semester 3

Methods & Tools

JAVA programming IMobile System

DEG (Local) (local student)

Skills (International student

Creative and Innovation

Semester 4

• Pass Foundation/Pre-University/Matriculation in related field and pass

Semester 6

Conduct

All student

Semester 5

Work Sociology and

Business Intelligence To
 Ethics & Professional

one: Community Services

Network Security & Testin

Knowledge Managemer

Major Project 2Enterprise Storage System

High Speed Networks

• Major Project II

 Decision Support Syste • Ethics & Professional

• Data Communication &

Work Sociology and

Malaysian Industry

All student

Semester 5

Software Project

Practical Internship

All student – Choose only

one: Community Services

# Malaysian Studies 3 (International student)

- This programme is designed to allow students to build confidence and knowledge within the field of Cloud computing. Students will be exposed to the general area of C++ Programming II computing and this will emphasis on producing graduates of high academic and
  - Multimedia Authoring

Science (Hons) in Mobile Computing

- Islamic Civilization and Asian Civilization (Local Communication - Malay Global Classroom
- DIP/DEG (Local) (local Creative & Innovation
- Semester 4 • Mobile Device Programmin Concept of Modelling &
- Data Communication & Networking
  Interactive Multimedia

The programme is designed to direct students to the development and use of multimedia applications. Students will be exposed and trained in the relevant programming skills with use of multimedia applications.

### **Entry Requirement**

• STPM/ A Level with minimum 2 principals; OR

**Software Engineering with Multimedia** 

**Bachelor of Science (Hons) in** 

- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including English and Mathematic (excluding other language, religious and moral studies); OR
- Pass Diploma in related field; OR
- Any other equivalent qualifications recognised by the Malaysian Government Students with a recognised Diploma in related field will be given advanced standing into the Degree

- Semester 1 amental of Compute Semester 3
- Multimedia TechnologEthnic Relations (Loc Computer GraphicsSoftware Requirement
- Semester 2
  - Skills (International student) Creative & Innovation Skills
  - Animation
     Software Design

- Object Oriented

- Business Planning & Idea
- only: Community Services
- Semester 6

# **Academic Pathway** achelor of Science (Hon

chelor of Science (Hons

Bachelor of Compute n Software Enginee with Multimedia

Foundation in Information & Technology

3 PRINCIPALS STPM /A'LEVELS/MATRICULATIONS Semester 5

- Software QualityMajor Project I Character Animation
- Data Structure & Algorith Elective

- Management
   Software Testing &

• Legal & Ethical Issues in IT

chelor of Science (Hons) Bachelor of Science (Hons in Electronic Commerce in Business Intelligence System

chelor of Science (Hons

achelor of Science (Hons in Information & ommunication Technology

2 PRINCIPALS 5 CREDITS

Language 2 (International Work Sociology and Malaysian Industry

- Practical InternshipAll student Choose one

in Business Information Technology achelor of Science (Hons Bachelor of Science (Hon: in Games Technology

SPM/O'LEVELS

nication Technology, Technopreneurship and Buiness Intelligence System.

**INFORMATION &** 

COMMUNICATION

**TECHNOLOGY** 

The increasing use of technology in all aspects of day to day

activities makes confident, creative and productive use of ICT as an

essential skill for life. The faculty covers courses ranging from Computer

Science in Mobile Computing, Games Technology, Information

Technology, Business Information Technology, Software Engineering

with Multimedia, Electronic Commerce, Information and Commu-

### **Foundation in Information Technology**

The programme is specially designed to prepare fresh school leavers for the technical and theoretical modules of Information Technology. The one year programme covers a range of subjects that form the core competencies required to pursue a degree qualification in this industry.

### **Entry Requirement**

- SPM with 5 credits in any subject including Mathematic; OR
- Any other equivalent qualifications recognised by the Malaysian Government

### Semester 1

### Principles of Accounting English

- Mathematics I
- Bahasa Kebangsaan A / B\*
- Introduction to Business

# Principles of Programming

# Semester 2

- English & Study Skills Principles of Economics
- Logic & Design

# Semester 3

# • English & Critical Thinking

- Principles of Law
- - Fundamentals of Multir Malaysian Studies\*

Sociology and Malaysian

Software Project Managem

Data Structure & Algorith

Distributed Syste Practica

All student – Choose on

one: Community Service

Database Design &

Semester 6

Major Project II

Elective

Operating System

Computer Network

Ethics & Professional

Artificial Intelligence

Semester 5

Major Project I

### **Bachelor of Science (Hons) in Information Technology**

The broad based programme aims to acquaint students with a wide range of problems that arise in computing & Information technology, together with various methods & technologies available as solutions

### **Entry Requirement**

- STPM/ A Level with minimum 2 principals or CGPA 2.0; OR
- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including English and Mathematic (excluding other language, religious and moral studies); OR
- Pass Diploma in related field); OR
- Any other equivalent qualifications recognised by the Malaysian Government

Students with a recognised Diploma in related field will be given advanced standing into the Degree programme.

### Semester 1

- Fundamental of Computer
- C++ Programming I
- Communication Theory &
- Digital Design Fundamentals Multimedia Technology
- Malaysian Studies 3

### Semester 2

- Intro to Information Systems
- Islamic Civilization and Asian Civilization (Local student)
- Semester 3
- Java Programming II

- Business Communication
- Management Information
- **Practices** Bahasa Kebangsaan A DIP/
- DEG (Local) (local student) or Creative & Innovation Skills (International student) Creative & Innovation Skills

### Probability & Statistics Semester 4

- - Methods & Tools

Web Programming with Java

- Interactive Multimedia
- Global Classroom All student: Work

- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including Mathematic; OR

• STPM/ A Level with minimum 2 principals or CGPA 2.0; OR

underpinning the design and development of computer games engines.

**Bachelor of Science (Hons) in Games Technology** 

The highly interactive course is an excellent primer on all topics surrounding the

computer gaming industry. The programme develops students' skills in real-time

graphics, mathematics, console game development and hardware architecture.

It offers students an opportunity to study the interactive design process and theories

- Pass Diploma in related field with minimum CGPA 2.5. Candidates with CGPA below 2.5 and above 2.0, thorough internal evaluation will be carried out; OR
- Pass Diploma in other fields with minimum CGPA 2.5: OR
- Any other equivalent qualifications recognised by the Malaysian Government

Students with a recognised Diploma in related field will be given advanced standing into the Degree programme.

### Semester 1

**Entry Requirement** 

- Fundamental of Game Communication Theory &
- Study Skills

  C++ Programming I
- student)
   Malaysian Studies 3

# Semester 2

- Game Technology I
- Business Communication
- Multimedia Authoring • C++ Programming II
- (Local student) Communication - Malay Language 2

## (International student) Semester 3

- Mathematics for Computing
  - Game Technology 2
- Ethnic Relations (Local

# (International student)

- Mathematics for Game
- - Data Structure & Algorithm Analysis

- Computer Game Design
- DIP/DEG (Local) (local student) or
- Skills (International student) Creative & Innovation Skill

# Semester 4

- Object-Oriented Game
- System Development Methods & Tools
- Data Communication & Networking
  • Interactive Multimedia

### Global Classroom All student -

# Semester 5

- Digital Modeling & Animation
- Artificial Intelligence
- Practical Internship Co-curricular

# Semester 6

- Game Business & Market
- Major Project II Game Programming 2
- Elective • Ethics & Professional

## **Bachelor of Computer Science (Hons) in Mobile Computing**

The programme is designed to build a solid foundation of software development skills by introducing the specific skills needed for developing mobile/ wireless applications. The structure of the course allows students to gain valuable practical experience building software systems, and also apply knowledge in mobile design. **Entry Requirement** 

- STPM/ A Level with minimum 2 principals or CGPA 2.0 ; OR
- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including Mathematic; OR
- Pass Diploma in related field with minimum CGPA 2.5. Candidates with CGPA below 2.5 and above 2.0, thorough internal evaluation will be carried out; OR
- Pass Diploma in other fields with minimum CGPA 2.5; OR
- Any other equivalent qualifications recognised by the Malaysian Government Students with a recognized Diploma in related field will be given advanced standing into the Degree programme.

### Semester 1 Language2 (International • Fundamental of Mobile student)

- Semester 3
- Computing Discrete Structures
- Data Communication & Study Skills Networking

  Mobile Device Programming
- C++ Programming Computer Architecture
  - Bahasa Kebangsaan A Creative & Innovation Skills
  - (International student) Semester 4

System Analysis & Design

- Multimedia Authoring • Business Communication Objective-C for iOS Development
- Communication Malay Mobile Technology

**Business Information Technology** 

# **Bachelor of Science (Hons) in**

Malaysian Studies 3

Semester 2

Mobile System

(International student)

Object Oriented Programming

The programme is designed to equip and provide students with a thorough grounding in the area of modern business approaches with the use of information technology and knowledge.

### **Entry Requirement**

- STPM/ A Level with minimum 2 principals; OR
- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including English and Mathematic (excluding other language, religious and moral studies); OR
- Pass Diploma in related field); OR
- Any other equivalent qualifications recognised by the Malaysian Government Students with a recognised Diploma in related field will be given advanced standing into the Degree programme.

# Semester 1

- Introduction to Management Fundamental of Computer

- Malaysian Studies 3 (International student)
- Semester 2 Business Accounting
- Probability & Statistics

Asian Civilization (Local

Communication - Malay

Methods & Tools • Islamic Civilization and •

- Language 2 (International
- Semester 3 Mathematics for Computing
   Java Programming II

Business Planning

- Software Project Managemer
- E-Commerce Theories & • Ethics & Professional • Bahasa Kebangsaan A DIP/

### Practical Internship (International student) All student - Choose only Community Services/

- Semester 6
  - Database Design &

ManagementGlobal Information Syster

Global Classroom

Work Sociology and

Malaysian Industry

Semester 5

- Semester 5

Global Classroom

Work Sociology and

All student

- Wireless Network Interactive Multimedia Designation
- All student Choose one only: Community Services
- Semester 6
- Elective
- Wireless Network Security Database Design &
- Cloud Architecture

# Comm. Theory & Study

- Multimedia Technology Creative Studies
- Malaysian Studies 3 (International student)
- JAVA programming IBusiness Communicati

student)

- Database Systems Probability & Statistics
- Islamic Civilization and Asian Civilization (Local

### Virtual Reality Global Classroom Communication – Malay

# **Bachelor of Science (Hons) in Technopreneurship**

designed to enable students to exploit technical innovations commercially. It give the students the ability to programme and use multimedia to develop innovative business solutions.

- STPM/ A Level with minimum 3 principals or CGPA 2.0; OR
- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including Mathematic; OR
- Pass Diploma in related field with minimum CGPA 2.5. Candidates with CGPA below 2.5 and above 2.0, thorough internal evaluation will be carried out
- Pass Diploma in other fields with minimum CGPA 2.5; OR
- the Degree programme.

### **Bachelor of Science (Hons) in Informatics** & Visual Computing

The Programme is specially designed to cover fundamental principles, processes and applications of computer assisted processing of visual information. The programme develops student's skills in the fields of imagine processing, computer vision and graphics and real-time applications. The requisite theoretical and practical knowledge taught in this course will enable students to solve real-life problems using image processing, computer graphics and computer vision.

### **Entry Requirement**

- STPM/ A Level with minimum 3 principals including general studies ; OR
- Pass Foundation/Pre-University/Matriculation in related field and pass SPM/SPVM with 5 credits including English and Mathematic and excluding other language, religious and moral studies; OR
- Pass Diploma in related field; OR
- Any other equivalent qualifications recognised by the Malaysian Government Students with a recognised Diploma in related field will be given advanced standing into the Degree

Language 2 (International student)

JAVA programming II

Bahasa Kebangsaan A

DIP/ DEG (Local) (local

(International student)

student) or Creative and

Mobile System

- Semester 3 • Fundamental of Computer
- Ethnic Relations (Local
- Semester 2
- Data CommunicationInteractive Multimedia
  - Artificial Intelligence

# Creative and Innovation Semester 4

- Mobile Programming Semester 6 Web Programming Advanced Image Detection Computer GraphicsEthics & Professiona
  - LAN Technology Major Project 2

# • Mobile Augmented Reality

 All student: Work Sociolog and Malaysian Industry

Semester 5

• Software Project

Management

Operating System

Augmented Reality

• Wireless Internet

Database Design &

• All student - Choose onl

one: Community Services/ Co-curricular

Application

The programme provides a combination of the study of IT with business modules

### **Entry Requirement**

- Any other equivalent qualifications recognised by the Malaysian Government Students with a recognised Diploma in related field will be given advanced standing into

"Limkokwing University has given me the chance to learn with the best and mingle with the people from around the world."

Hameedur Rahman, Bangladesh Software Engineer, IBM

Successful Alumni Faculty of Information & Communication



"The multicultural learning environment at Limkokwing University has given me the chance to graduate among the best."



Alex Gui Wai Siong, Malaysia

Mobile Application Engineer, Nerd Attack



"Limkokwing University's Global Classroom is unique and one of its kind. I've been able to see the world and apply it in my studies."

• Data Warehouse Designer • Information System Designer

Mobile Solutions Specialist • Mobile Application Developer • M-commerce Consultant • Visual User Interface Designer **Games Technology** • Games Programmer • Graphics and Visualiser • Al Programmer • Console Programmer • Virtual Reality Specialist • Lead Programmer • Software Product Planner Information Technology • Systems Engineer • System Analyst • IT Specialist • Database Analyst Business Information Technology • MIS Manager • E-business Consultant • It Business Analyst • Information Systems Analyst • Database Administrator • Software Project Manager Software Engineering with Multimedia • Web Designer • Animator • Software Tester • Software Engineer • Web Content Developer • Software Project Manager Electronic Commerce • Database Designer • E-marketer • Web Policy Maker • E-commerce • Internet Research Analyst • Cyber Law Consultant • Procurement Manager Information & Communication Technology • Network Designer • Telecommunication Engineer • Client/server Specialist **Technopreneurship** • Technopreneur • Information Security Analyst • Technology Evangelist Business Intelligence Systems • Business Analyst



**Malaysia's University of transformation & University of innovation** Double recognition by the Government of Malaysia

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