Programme Overview

The BSc in Information Technology is a three year programme based on the ACM/IEEE recommendations. The programme aims to address the needs of the Caribbean region and produce graduates who have been exposed to experiences that will prepare them to address the information processing requirements of organisations.

What are the objectives of this new programme?

❏ provide IT graduates with the skills and knowledge to take on appropriate professional positions in information technology upon graduation and grow into leadership positions or pursue research or graduate studies in the field

❏ produce graduates who can become information technology professionals, able to work effectively at planning, implementing, configuring and maintaining an organisation's computing infrastructure.

How is the programme structured?

Students must complete a total of 103 credits. 30 level one credits are required, that is 15 credits from computing + 3 in-faculty credits + 12 credits from any faculty. An additional 18 computing credits at level two and 28 credits at level 3 are required, along with 18 credits from any other discipline(s). 9 compulsory foundation credits must also be satisfied to complete the programme.

The first year of the programme (level 1) consists of five 3-credit computing courses - 3 programming courses (in Python and Java), one course in essential mathematics for computing and a general computing course - and a similar number of courses from other disciplines of your choice (e.g. math, physics, accounts, economics, etc).

What are the entry requirements?

Applicants should possess 5 CXC subjects (grades 1-3, including English language and mathematics) or their equivalent, two (2) of which should be at the advanced level CAPE (2 units each at grades 1-5), to qualify for the full time 3 year degree programme. One of these advanced level courses should be in a science subject. A teachers' college diploma, an associate's degree in mathematics, information technology or science or a pass in EC14C will be considered equivalent qualification for persons without CAPE passes.

What career paths can I pursue with a BSc in IT?

Graduates of this programme will be able to function as user advocates, as well as select, create, apply, integrate and administer computing technologies in order to meet the needs of users within societal and organisational contexts. Possible career paths include:

Computer Analyst: Someone who examines specific problems in a company and determines what parts can be solved by computing technologies, and how best to do so.

Computer System Administrator: Someone who ensures that all computer systems in an organization are used efficiently and safely.

Network Administrator: Someone who ensures the smooth operation of all telecommunications services that a company uses for its business. This person oversees the use of many telecommunications technologies by the company including technologies that allow the company to communicate with its branches and other companies all across the world.

Web Master: Someone who manages a company's use of Internet technology including designing, building, and maintaining web sites.

I/T Project Manager: Someone who manages teams of information technology professionals in building information technology solutions for companies.

Technical Writer: Someone who prepares documentation (manuals etc.) for a computer system so that users and others, can understand how the system works.

How do I apply?

Application forms can be obtained and submitted at http://sas.uwimona.edu.jm:9010. Once this is done, take the following original documents and copies to any UWI centre:

- birth certificate, academic certificates, professional certificates and/or diplomas;
- marriage certificate/Deed Poll (whichever is applicable) if present name is different from that on documents.

Applicants outside of the university's contributing territories should submit documents certified by educational institutions or notary public, and be prepared to submit original documents for verification by or before registration.

How can I get further information?

Write: The Department of Computing
The University of the West Indies, Mona.
Kingston, 7, Jamaica WI
Call: 876 935 8827 / 977 4470
Fax: 876 702 4455
Visit: myspot.mona.uwi.edu/compsci/

University of the West Indies
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The Department of Computing

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