

## WHY STUDY INFORMATION SYSTEMS?

From its inception Information Systems has done *more* to expand business and industry into global markets than any other discipline or tool. The development of Computer Information Systems revolves around an organization's *strategic objectives* as well as the *managerial* and end users (needs, performance expectations, requirements and other specifications). In today's digital society it is critically important for businesses to effectively use, build, deploy and maintain innovative information systems.

### BACHELOR OF SCIENCE IN INFORMATION SYSTEMS (BSc. CIS)

The four-year Bachelor of Science in Computer Information Systems (CIS) is designed to strike a balance between theory and practice, so that graduates will be equipped to design, create and manage effective computer business solutions to drive innovation in Jamaica, the Caribbean and beyond.

It will provide students with a strong grounding in computer information system, business, management, data analytics and entrepreneurship.

## IMPORTANT DATES

- November 30 — Closing date for Application  
⇒ January — Classes Begin
- January 31 —Closing date for Applications  
⇒ August — Classes begin

### Office of Admissions and Enrolment Management

University of Technology, Jamaica  
237 Old Hope Road,  
Kingston 6

### School of Computing & Information Technology

University of Technology, Jamaica  
237 Old Hope Road  
Kingston 6

### For queries, please contact:

FENC Students' Affairs Office  
Telephone: (876)-927-1680-8  
Ext. 2153 & 2163 - 2165  
Ext. 3631 Admin Support

### Emails:

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University of Technology,  
Jamaica

*Accredited by the University Council of  
Jamaica (UCJ)*

**FACULTY OF ENGINEERING  
AND COMPUTING**

**School of Computing and  
Information Technology**

**BACHELOR OF SCIENCE IN  
COMPUTER INFORMATION  
SYSTEMS  
(BSc. CIS)**

## DEGREE GOALS

The Bachelor of Science in Computer Information Systems will produce graduates who:

- ✓ Integrate domain knowledge with technological skills and competencies across various levels, enabling the organization to achieve its strategic objectives.
- ✓ Serve as Information Systems (IS) professionals who will provide technology leadership, as part of the social and economic growth of Jamaica and the development of the Caribbean region.
- ✓ Possess a high level of analytical and critical thinking skills to create innovative solutions to technological problems in different types of organizations.

## DEGREE OBJECTIVES

Upon successful completion of this programme students should be able to:

- ✓ Create computer-based systems that will not only improve organisational performance but will allow the organisation to gain a competitive advantage.
- ✓ Demonstrate fundamental knowledge about organisational functions, enabling them to accurately develop the different requirements for the various functional areas of an information system.
- ✓ Exhibit strong ethical principles and have excellent interpersonal, communication and team skills.
- ✓ Identify opportunities for technology innovations which could be used to create businesses or improve organization efficiency.
- ✓ Use research and development to drive computer information systems initiatives and technology entrepreneurship.
- ✓ Communicate effectively to technical and non-technical audiences through the presentation of written, visualized and verbal information.
- ✓ Demonstrate a well-rounded education including fundamental knowledge of a variety of academic disciplines, good team skills, strong ethical principles and attitudes that will honour, protect, and enhance computer information systems practices and standards as well as the ability to adapt and grow as a lifelong learner.



## MAJORS / MINORS

- Data Analytics
- Technology Entrepreneurship

**Data Analytics** involves analyzing and processing raw data to uncover information that can aid in decision-making, product development, marketing, projection, forecasting etc.

**Technology Entrepreneurship** prepares students to proactively respond to technology opportunities in new business venture creation and inside existing organizations

## ENTRY REQUIREMENTS

Candidates are required to have a minimum of five (5) subjects in the CSEC General Examinations or the equivalent, inclusive of Mathematics and English Language at levels 1, 2, and 3 (from June 1998) or GCE Ordinary level passes at A, B or C.

## APPLICATION

Applications can be made online by going to UTech's website at <https://www.utech.edu.jm>. Scroll down to the bottom of the web page and click on **APPLY ONLINE**. After submission and confirmation, print or save a copy of the confirmation page. Certified copies of the applicant's birth certificate and CSEC/ GCE results along with the application confirmation page should be submitted to the Office of Admissions and Enrolment Management.

## CLASS SCHEDULING

Classes will be scheduled during the day for full-time students and in the evenings and weekend for part-time students. Students can register for a minimum of 9 credits and up to a maximum of 18 credits per semester. Cost per semester will vary depending on the number of credits selected by the student. A module selection planner is available for students to use for planning. A number of scholarships are available as well as student loan from the Student Loan Bureau (SLB).

## CAREER OPTIONS INCLUDE:

- Data Analytics Practitioner
- Business Analyst
- Management trainee
- Information Systems Auditor
- Digital Marketing Practitioner
- Web Site Practitioner
- Business Intelligence Practitioner
- Software Quality Assurance Practitioner
- Technology Entrepreneur