

# B.Sc. (Hons) Business Computing

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The B.Sc. (Hons) Business Computing is a three-year full-time programme. Students of Business Computing gain a unique blend of knowledge in business and computing areas that enhances competence to use computer-based systems to solve business problems and support business processes. The programme allows you a greater choice and more flexibility within the areas of Computing and Business as it combines a thorough study of business and commerce with computing.

## Admission Requirements

The qualifications required for admission are 2 Passes at GCE (Advanced Level) Examination and 5 Passes inclusive of 2 Credit Passes for English and Mathematics at GCE (Ordinary Level) Examination, **or** successful completion of the APIIT Foundation Programme. Those with additional qualifications may receive advanced entry to higher levels of the programme. (Please contact Student Admissions Office for details.)

## Programme Structure

This programme consists of lectures, tutorials and practical work involving a series of projects. These are intended to develop students' knowledge and skills and their ability to identify and solve real world problems. Students are also trained to work efficiently in a group or independently in a disciplined and structured environment.

Students are required to undertake a business computing project as part of the training. This project requires students to carry out research and analysis to design and develop a business model and prototype solution to address a business need, utilising their understanding of how businesses operate and the underlying methodologies for strategic management.

### Level 1 (Diploma)

The Level 1 (Diploma) is a one-year full-time programme. Level 1 comprises the following modules:

- Multimedia Applications
- Computer Systems Architecture
- Systems Analysis & Design
- Software Development Project
- Numerical Methods & Logic
- Operating Systems
- Databases and Data Structures
- Java Programming
- Visual Basic .NET
- Telecommunications
- Problem Solving & Program Design Using C
- Networks and Networking

### Level 2

The Level 2 is a one-year full-time programme. Level 2 comprises the following modules:

- Business Forecasting & Planning
- User Centred Systems Development
- Management & Planning
- Legal Environment of Business
- Networking & Security
- Human Computer Interaction & Usability
- Database & Web Database Systems
- Marketing & Practice

### Level 3 (Degree)

The Level 3 is a nine-month full-time programme. Level 3 comprises the following modules:

- Critical Issues in Managing Information Systems in Organisations
- Strategic Entrepreneurship & Innovation
- Strategic Information Management
- Contemporary Management Issues
- Personal Creativity and Development
- Business Computing Project

## Career Opportunities

Graduates can embark on career in business analysis, consultancy, or business related functions with the potential to progress to managerial positions.



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