

BSc (Hons) Information Technology for Business

Year 1 - Diploma in Computer System Design (Full Time)

- Introduction to Computer Science
- Mathematics for Computing
- Programming Fundamentals
- Fundamentals of Electronics
- Introduction to IOT
- Database Management Systems
- Networking Fundamentals
- GUI Application Development
- System Analysis and Design
- Creative Thinking & Problem Solving
- Enterprise Application Development-1
- System Essentials
- Developing Modern Web
- SEO & Digital Marketing
- System Design and Development Project (Final Project)

Year 2 - Higher National Diploma in Information Systems (Full Time)

Core Modules

- Business Analysis
- Agile Development and DevOps
- Advance Database Management Systems
- Statistics for Computing
- Operation Research
- Data ware housing and data mining
- Software Quality Engineering
- Innovation and Entrepreneurship
- IT Management Practices
- Final Project (Innovative Business Solution)
- Industrial Training

Electives I

- Mobile Application Development
- Robotic Process Automation

Electives II

- Introduction to IOT
- Cyber Security and Cloud Computing

Noncredit compulsory modules

- Effective Communication Skills
- CREST

Year 3 (awarded by the Coventry University UK)

- IT Service and Infrastructure Management
- Computer Simulation
- Current Technologies
- Data and Information Retrieval
- Operational Research
- Technology and Its Social, Legal and Ethical Context
- Effective Communication Skills

Year 4 (awarded by the Coventry University UK)

- Information Technology and Global Development
- Security and Compliance in the Cloud
- Project Management
- Individual Project
- Agile Development
- Artificial Intelligence and HC interaction