

SOFTWARE SYSTEMS: DESIGN, DEVELOPMENT and MANAGEMENT

BACHELOR OF APPLIED INFORMATION SCIENCES



Hire The Best

This program includes a blend of technology and business subjects to develop software systems professionals who can design, build, install and maintain information technology applications. In state-of-the-art laboratories students gain theoretical and practical knowledge in systems analysis and design, applications programming, database design and development, website design, network systems and project management.

Some Assignments Include

- Systems Analyst
- Business Analyst
- QA Analyst
- Database Developer
- Web Application Developer
- IT Project Management

Program Outline



Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April	May – Aug.	Sept. – Dec.	Jan. – April
Semester 1	Semester 2	Vacation	Semester 3	Semester 4	Internship Term	Semester 5	Semester 6	Internship Term	Semester 7	Semester 8
Fundamentals of Business and Management Computer Architecture Software Development: Programming Fundamentals Web Design and Development Fundamentals English and Communication Skills (Liberal Studies) Logic and Problem-solving Strategies	Financial Analysis Operating Systems Fundamentals Software Development: Applications Programming 1 Discrete Mathematics 1 Economics (Liberal Studies) Science & Technology (Liberal Studies)		Software Development: Applications Programming 2 Systems Analysis & Design Database Design & Modeling Statistics & Research Methods Marketing of Services (Liberal Studies) Ethics (Liberal Studies)	Object Oriented Analysis & Design Internet Programming Database Driven Websites Data Communications and Networks Logical Self Defence (Liberal Studies) Employment Placement		Project Management 1 Software Development: Standards, Testing & Maintenance Programming for Network Systems Database Programming Computer and Human Interaction Liberal Studies Elective	Entrepreneurship in the New Economy Technical Writing and Documentation Software Development Project 1 Software Design Patterns Architecting Database Solutions Liberal Studies Elective (Level 2)		Project Management 2 Software Development Project 2 Software Quality Assurance Emerging Technologies Professional Elective* Liberal Studies Elective	Business Consulting Software Development Project 3 Cryptography and Information Security Professional Elective* Liberal Studies Elective (Level 2)

* Professional elective courses allow specialization in Service Oriented Architecture or Wireless Systems Design.

