

BIS2006 Management Information Systems

Unit Description

This unit provides comprehensive overview of the issues managers face in the selection, use, and management of Information Systems (IS) to implement business strategies and gain competitive advantage. This unit explores the integrative coverage of essential new technologies, IS applications, and their impact on business models and managerial decision making. Initially, it attempts to use a case study approach and explore topics such as CRM and SCM and IS assets management. It also looks at the specific development and management issues related to IS, Web Commerce and e-Business during many organisational transformations. Finally, this unit emphasises the importance of managing integrated computer-based information systems, commonly referred to as Enterprise Resource Planning (ERP) systems, designed to support a large organisation's information needs. A major feature of this unit is to investigate the issues associated with the analysis, design and implementation of ERP systems and justifies how such systems implement transaction processing, management information systems and executive information systems where all significant business relationships are digitally enabled.

Credit Points	6 credit points
Duration	12 weeks (10 teaching weeks and 2 revision and assessment weeks)

Unit Learning Outcomes

On successful completion of this unit, students will be able to:

1. Describe the role of information systems in supporting operations and organisational decision making.
2. Discuss the features of enterprise systems and their functions to support business processes.
3. Critique the alignment of an organisation's information systems strategy and business strategy.
4. Critically review the role of business intelligence and business analytics in supporting business decision making.
5. Review and evaluate contemporary tools and techniques for accessing information from databases to improve business performance.