

<b>Module Name</b>	ST3005 INFORMATION SYSTEMS
<b>ECTS weighting</b>	5
<b>Semester/term taught</b>	Semester 2
<b>Contact Hours</b>	Lectures - 3 hours per week
<b>Module Personnel</b>	Lecturer – Diana Wilson
<b>Learning Outcomes</b>	When students have successfully completed this module they should be able to: <ul style="list-style-type: none"> <li>• Understand and describe how organisations survive in today’s business environment</li> <li>• Evaluate Information systems in business</li> <li>• Understand the need for computerised support of managerial decision making</li> <li>• Describe the business intelligence (BI) concepts and relate them to Decision Support Systems</li> <li>• Identify the ethical, social, and political issues that are raised by information systems.</li> <li>• Assess the business value of information systems security and control.</li> </ul>
<b>Module Learning Aims</b>	The objective of this course is to introduce students to information systems in business and examines how management information and decision support systems can support improved organisational performance. Information security and control surrounding these systems and aspects of ethical use of IT are also covered.
<b>Module Content</b>	Specific topics addressed in this module include: <ul style="list-style-type: none"> <li>• Business Processes, Transactions and Information</li> <li>• Introduction to telecommunications and network systems.</li> <li>• Emerging Technology</li> <li>• Data Warehousing</li> <li>• Decision Support Systems</li> <li>• Business Intelligence</li> <li>• Digital Markets/Digital Goods</li> <li>• Introduction to Information Systems Security</li> <li>• Information Technology and Ethics</li> </ul>
<b>Recommended Reading List</b>	<ol style="list-style-type: none"> <li>1. Lecture slides</li> <li>2. Management Information Systems: Managing the Digital Firm, 12th ed; Laudon &amp; Laudon; Pearson Prentiss Hall, 2012.</li> <li>3. Additional reading to follow</li> </ol>
<b>Module Pre Requisite</b>	None
<b>Assessment Details</b>	Assessment is by written examination (contributing 80% to the overall mark) and continuous assessment (contributing 20% to the overall mark). To pass the module, students must achieve a mark of 40% in both the written examination and the continuous assessment component.
<b>Academic Year of Data</b>	2014/15