

AMITY GLOBAL INSTITUTE

MODULE SYLLABUS

Course	Master of Science in Business Analytics Awarded by University of Northampton
Module Title	Information Systems Methods
Module Syllabus No. (if any)	BSOM061
Content	Systems Development Life Cycle (SDLC), IS Methodologies, Feasibility studies, Systems analysis techniques, selection evaluation and acquisition of IT systems and services, implementation tasks, changeover, testing, implementation planning, configuration change and approval for change.
No. of Teaching Hours	30
Teaching Methods	Lectures, tutorials, case-studies analysis, research journals and group discussion
Assessment Methods and Weightages	AS1 Report Evaluative Report (1600 words) ES1 Essay Essay (2400 words)
Skills for Maximising Learning Outcomes	Reading and Research
Dates of Examinations, Major Assessments and Assignments	See University calendar
Recommended Text	Modern systems and design by Hoffer, Jeffrey A; George, Joey Fallaci, Joseph S-2010 6 th edition, Pearson
Additional Reference Texts (if any)	--
Additional Remarks (if any)	-

No.	Learning Outcomes/Aims
1	Critically evaluate the systems development life cycle and the role of systems development methodologies within the life cycle.
2	Identify and reflect upon the issues associated with the selection and evaluation/comparison of methodologies and tools.
3	Critically analyse and apply appropriate fact finding and systems analysis techniques, to elicit, validate and specify requirements for a new or revised service or process.
4	Critically evaluate alternative systems development methodologies and justify the choice within the service management arena.
5	Systematically evaluate the selected approaches and solutions to the problem and propose a refined solution.
6	Critically analyse complex and ill-defined socio-cultural issues and communicate the findings to audiences at different organisational levels.
7	This module provides a holistic overview of methods used in assessment, analysis, design and implementation of information systems.
8	Learners will be able to gain a thorough understanding of business needs in this context and explore the topics associated with different IS methods and also the selection, evaluation and comparison of appropriate methodologies and tools.

Note: All Information provided to Amity will be kept strictly confidential except for those required under statutory requirements and by government authorities and relevant university partners and accreditation bodies as part of the regulatory or course requirements.