

AMITY GLOBAL INSTITUTE

MODULE SYLLABUS

Course	Master of Science in Business Analytics Awarded by University of Northampton
Module Title	Applied Systems Analysis
Module Syllabus No. (if any)	BSOM080
Content	Business & Systems Analysis: Overview, Approaches and Techniques, Quantitative vs Qualitative Business Analysis, introduction to general systems theory, Systems thinking and relevant methodologies, Business/System Dynamics: Casual loo Diagrams (CLD), Stock Flow Diagrams (SFD), and the Notion of Feedback in the context.
No. of Teaching Hours	30
Teaching Methods	Lectures, tutorials, case-studies analysis, research journals and group discussion
Assessment Methods and Weightages	AS1 Report Individual Report (2400 words) PS1 Poster Presentation Individual A1-sized Poster Presentation (Word count not applicable since this will be a poster presenting simulation output)
Skills for Maximising Learning Outcomes	Reading and Research
Dates of Examinations, Major Assessments and Assignments	See University calendar
Recommended Text	Soft systems methodology: conceptual model building and it contribution. B Wilson,c2001,Wiley ISBN 9780470848067
Additional Reference Texts (if any)	--
Additional Remarks (if any)	-

No.	Learning Outcomes/Aims
1	Evaluate current theory and practice in Business and Systems Analysis.
2	Critically discuss the differences between quantitative vs. qualitative business analysis approaches
3	Successfully critique Systems Thinking for analysis using a wide-range of appropriate sources and resources.
4	Apply recognised techniques to model Business Dynamics to enhance decision making processes, and make recommendations.
5	Communicate effectively using different communciation means such as report writing, use of ICT and, poster and/or oral presentation, to convey complex topics and concepts.
6	Autonomously evaluate specialised contexts, requiring selection and application from a wide range of information sources.
7	The purpose of this module is to provide an overview of approaches in business and systems analysis.
8	A range of systems analysis appraoches are covered, with an emphasis on Systems Thinking and Business/System Dynamics

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.