

Topics/Content/Outline:

Topics include: Business Analysis fundamentals,; workflow and business process modelling; requirements elicitation and validation; advanced UML modelling.

Expanded Outcomes	
Outcome 1	<ul style="list-style-type: none"> Define the role of the Business Analyst throughout the phases of an information development life cycle.
Outcome 2	<ul style="list-style-type: none"> Create workflow diagrams using various proven techniques Determine which workflow modelling technique is best suited for your project Find opportunities for process improvement using workflow models Validate workflow models to ensure their accuracy and completeness Use a process mapping tool
Outcome 3	<ul style="list-style-type: none"> Develop a Business Case and structure a Requirements Document Document a project's business objectives and scope Identify stakeholders and define their roles, needs and project impact Define, elicit, structure, validate and document business requirements Link the Business Requirements Document to a Information System Requirements Specification Utilise Use Cases to describe Business Requirements and validate requirements. Outline a physical implementation of the system.
Outcome 4	<ul style="list-style-type: none"> Create logical use-case diagrams, narratives and scenarios Use a step-by-step methodology for applying OO modelling techniques to the activities of a project Create a data model to define and describe project requirements Create and use functional decomposition diagrams and other appropriate modelling techniques Use a CASE tool

Assessment:

Weighting	Nature of assessment	Learning Outcomes
15%	Assignment – create a high level analysis document	1
40%	Project – create a requirements specification	2 ,3, 4,5
45%	Final Examination	2 ,3, 4,5

Learning and teaching approaches:

Lecture, tutorials, self directed study and laboratory work.

Learning resources required:

Textbook: Refer to the current programme booklist.

Student access to the Blackboard system

Learning resources recommended: