

TITLE	Professional Skills for Systems Analysis		
CODE	UUIS7200		
LEVEL	8		
CREDITS	20		
PRE REQUISITES	Pre/Co requisite: UUIS7100		
AIM	<p>The purpose of this programme component is for students to develop an understanding of the contemporary methods and techniques used in systems analysis and design. Students are introduced to the fundamental concepts methods and techniques used in the information systems development lifecycle for the planning, analysis, design, implementation, maintenance and project management of information systems. Case studies are used in this course so that students can apply contemporary systems analysis and design methods and techniques to real world problems.</p>		
LEARNING OUTCOMES	<p>At the end of this component, students will be able to:</p> <ol style="list-style-type: none"> 1. define and explain the fundamental concepts methods and techniques used in information systems analysis and design 2. apply contemporary information systems analysis and design methods and techniques to real world case studies 3. apply systems analysis and design concepts, modelling and project management techniques to real-world case studies 4. effectively communicate systems analysis and design methods and techniques to real world problems 5. demonstrate an appreciation of sound computer interface principles 6. effectively communicate ideas using tools and techniques of systems analysis and design 		
CONTENT	<p>The content consists of the following topics:</p> <ul style="list-style-type: none"> • the systems development life cycle • system planning and project management • systems analysis • system design • systems implementation • systems analysis and design and project management tools. 		
ASSESSMENTS	Assessment Type	Weighting	Learning Outcomes Assessed
	Assignment 1	20%	1, 5 & 6
	Quiz 1	5%	1
	Assignment 2	30%	2, 3, 4, 5 & 6
	Quiz2	5%	2 & 3
	Exam	40%	2, 3, & 4
RECOMMENDED RESOURCES	Shelly, GB & Rosenblatt, HJ 2017, <i>Systems analysis and design, 11th edn.</i> , Thomson Course Technology, Boston, Massachusetts		