

Faculty	Economic and Management Sciences		
Home Department	Information Systems		
Module Topic	Architecture and Infrastructure		
Generic Module Name	Architecture and Infrastructure 362		
Alpha-numeric Code	IFS362		
NQF Level	7		
NQF Credit Value	30		
Duration	Semester		
Proposed semester to be offered	Second Semester		
Programmes in which module will be offered	BCom (1008), BCom Extended Curriculum (1751), BCom P/T (1101), BAdmin (1011), BAdmin P/T (1018), BSc CS (3023), BSc CS Extended Curriculum (3221)		
Year Level	3(4 Extended programme)		
Main Outcomes	<p>On completion of this module students should be able to:</p> <ul style="list-style-type: none"> Analyse the role of enterprise architects. Apply modern systems architecture and its relationship and application to infrastructure. Evaluate the impact of different IS design and platform design approaches on architecture. Understand future trends and the impact thereof on organisations. Apply concepts in the roll-out of a project. 		
Main Content	<ul style="list-style-type: none"> The role of systems and enterprise architects. Systems architecture The role of the architect in planning these systems (design) Digital business, technology innovation and the impact on society. Design thinking and Agile project management. 		
Pre-requisite modules	IFS361		
Co-requisite modules	None		
Prohibited module Combinations	None		
Breakdown of Learning Time	Hours	Timetable Requirement per week	Other teaching modes that does not require time-table
Contact with lecturer/ tutor:	39	<i>Lectures p.w.</i>	3
Assignments & tasks:	120	<i>Practicals p.w.</i>	2
Practicals:	26	<i>Tutorials p.w.</i>	0
Assessment:	12		
Self-study:	103		
Other: Please specify	0		
Total Learning Time	300		
Methods of Student Assessment	Continuous Assessment (CA): 100% Final Assessment (FA): 0%		
Assessment Module type	Continuous Assessment (CA)		