Master of Science in Information Systems Management

Programme details:

The programme consists of core (required) and elective modules as indicated below. Some modules may have pre-requisites (i.e may require students to pass another module or set of modules first). Some modules may be co-requisite (such modules are required to be taken together). The number at the end of the module in parenthesis indicates the credit load of the module. 1 credit is equal to 10 hours of learning (guided, in-class and independent combined); therefore a 10 credit module requires an average of 100 hours of learning from the student.

Core modules:

- C9-BDM-22: Big Data Management (20)
- C9-SDG-22: System Development Management and Governance(20)
- C9-ISM-15: Information Security Management (20)
- C9-IPM-22: ICT Project Management (20)
- C9-PIM-22: Principles of Information Technology Management (20)
- C9-MIS-22: Management Information Systems (20)
- C9-RPP-15: Research Project 1: Proposal Writing (20)
- C9-PWD-15: Project Work 2: Dissertation (60)

Elective Modules:

Select any two:
- C9-IFM-22 Infrastructure Management(20)
- C9-ICM-22 ICT Strategic Management (20)
- C9-CMS-22 Content Management Systems (20)
- C9-DAN-22 Data Analytics (20)

Recommended full-time study path (2 years):

The duration of this programme is two years and will be offered in Blended and Distance Learning. During study, students must undergo coursework and dissertation.

Semester 1:
- C9-BDM-22, C9-SDG-21, **Select one** (C9-IFM-22, C9- ICM-21)

Semester 2:
- C9-ISM-15, C9-IPM-22, **Select one** (C9-CMS-22, C9-DAN-22

Semester 3:
- C9-PIM-22, C9-MIS-22, C9-RPP-15

Semester 4:
- C9-PWD-15

Admissions Criteria

Entry into this qualification is through any one of the following requirements:

1) The minimum admission requirement is a bachelor's degree Honors in Computing/ Computer Science / Information Technology or any computer related field.

2) A Post-Graduate Diploma (NCQF level 8) in the fi eld of study (Computing) may also meet admission requirements provided that at least 20 credits at level 8 have been allocated to research methodology within or additional to the qualification.

3) Applicants that do not meet the above criteria but possess relevant industry experience will be considered through recognition of prior learning (RPL).

4) For enquiries and more information please visit our website: **www.bothouniversity.com**

*The programmes offered in this document are accredited by BQA and offered at Botho University at the time of print. Please refer to your offer letter from the admissions department for any changes in programme name or duration that may occur due to regulatory requirements.

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Program Version Course List

Course Code	Course Description	Credits	Elective List	Pre-Requisite List	Co-Requisite List	PreElect	ResourceList
				Weeks :80.00 **Credits :240.00**			
ISM-9MA-22	Master of Science in Information Systems Management						
Core							
C9-BDM-22	Big Data Management	20.00					
C9-IPM-22	ICT Project Management	20.00					
C9-MIS-22	Management Information System	20.00					
C9-PIM-22	Principles of Information Technology Management	20.00					
C9-RPP-15	Research Methods and Project Planning	20.00					
C9-SDG-22	System Development management and Governance	20.00					
C9-PWD-15	Project work Dissertation	60.00		C6-DCN-15 - Data Communication and NetworkingC6-IWP-15 - Internet and Web ProgrammingC5-SOE-15 - Software Engineering FoundationsC6-SQA-15 - Software Quality and AssuranceC7-MIS-15 - Management Information SystemsC7-SAD-15 - Systems Analysis and DesignC9-CNS-15 - Computer Network SecurityC9-DBS-15 - Database SystemC9-EAI-15 - Enterprise Application IntegrationC9-PRM-15 - Project ManagementC9-RPP-15 - Research Methods and Project PlanningC9-BDM-22 - Big Data ManagementC9-CMS-22 - Content Management SystemsC9-DAN-22 - Data analyticsC9-ICM-22 - ICT Strategic ManagementC9-IFM-22 - Infrastructure ManagementC9-IPM-22 - ICT Project ManagementC9-ISM-15 - Information Security ManagementC9-MIS-22 - Management Information SystemC9-PIM-22 - Principles of Information Technology ManagementC9-RPP-15 - Research Methods and Project PlanningC9-SDG-22 - System Development management and Governance			
C9-ISM-15	Information Security Management	20.00		C9-CNS-15 - Computer Network Security			

Course Code	Course Description	Credits	Elective List	Pre-Requisite List	Co-Requisite List	PreElect	ResourceList
Elective							
ELEC	Semester 1 Electives	20.00	C9-IFM-22 - Infrastructure Management, C9-ICM-22 - ICT Strategic Management				
ELEC	Semester 2 Electives	20.00	C9-CMS-22 - Content Management Systems, C9-DAN-22 - Data analytics				
10		240.00					
10		240.00					

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ELEC	Semester 2 Electives	20.00	C9-CMS-22 - Content Management Systems, C9-DAN-22 - Data analytics				
10		240.00					

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C9-MIS-22	Management Information System	20.00					
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C9-PWD-15	Project work Dissertation	60.00		C6-DCN-15 - Data Communication and NetworkingC6-IWP-15 - Internet and Web ProgrammingC5-SOE-15 - Software Engineering FoundationsC6-SQA-15 - Software Quality and AssuranceC7-MIS-15 - Management Information SystemsC7-SAD-15 - Systems Analysis and DesignC9-CNS-15 - Computer Network SecurityC9-DBS-15 - Database SystemC9-EAI-15 - Enterprise Application IntegrationC9-PRM-15 - Project ManagementC9-RPP-15 - Research Methods and Project PlanningC9-BDM-22 - Big Data ManagementC9-CMS-22 - Content Management SystemsC9-DAN-22 - Data analyticsC9-ICM-22 - ICT Strategic ManagementC9-IFM-22 - Infrastructure ManagementC9-IPM-22 - ICT Project ManagementC9-ISM-15 - Information Security ManagementC9-MIS-22 - Management Information SystemC9-PIM-22 - Principles of Information Technology ManagementC9-RPP-15 - Research Methods and Project PlanningC9-SDG-22 - System Development management and Governance			
C9-ISM-15	Information Security Management	20.00		C9-CNS-15 - Computer Network Security			

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10		240.00					
10		240.00					

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