

# Uganda Martyrs University



**FACULTY OF SCIENCE**  
**Department of Computer Science and Information Systems**

**REVISED MASTER OF SCIENCE IN INFORMATION SYSTEMS (MSC IS)**

**October, 2015**

**Table 3.1 Summary of the Curriculum Structure**

<b>Semester One</b>						
<b>Course Code</b>	<b>Course Name</b>	<b>LH</b>	<b>PH</b>	<b>CH</b>	<b>CU</b>	<b>Status</b>
MIS6101	Management of Information Systems	45	30	60	4	New
MIS6102	Systems Analysis and Design	45	30	60	4	New
MIS6103	Research Methods for IS	45	30	60	4	Modified
MIS6105	Advanced Object-Oriented Programming	45	30	60	4	Modified
<b>Total Credit Units</b>					<b>16</b>	
<b>Semester Two</b>						
MIS6201	Advanced Database Management Systems	45	30	60	4	Modified
MIS6202	Enterprise Architecture	45	30	60	4	Old
MIS6203	Science Technology and Ethics	30	30	45	3	Old
	Elective (In areas of specialization)	45	30	60	4	New
<b>Total Credit Units</b>					<b>15</b>	
<b>Semester Three</b>						
MIS6301	Data Communication and Networks	45	30	60	4	Modified
MIS6302	Programming Methods with VB.NET	30	60	60	4	Modified
MIS6303	Information Systems Project Management	45	30	60	4	Old
MIS6304	Consultancy Skills Development	30	30	45	3	Old
	Elective (In areas of specialization)	45	30	60	4	New
<b>Total Credit Units</b>					<b>19</b>	
<b>Semester Four</b>						
MIS6401	Financial Management	30	30	45	3	New
MIS6402	Masters Project and Report in Information Systems					Modified
	Concept paper development			45	3	
	Project Proposal			45	3	
	Information Systems Project analysis, design and development	60	60	4		
	Dissertation Writing			75	5	
<b>Total Credit Units</b>					<b>18</b>	
<b>Programme Load</b>					<b>68</b>	
Elective Courses						
<b>Information Systems Technology</b>						
MIS6204	Web-based Information Systems	30	60	60	4	Old
MIS6205	Emerging Technologies and Business Innovation	30	30	45	3	New
MIS6305	Human-Computer Interaction	30	30	45	3	New
IMIS6306	XML and Web Services	30	60	60	4	New
<b>Information Systems Management</b>						
MIS6307	ICT for Development	30	30	45	3	New
MIS6308	Health Informatics	30	30	45	3	New
MIS6309	Data Mining and Process Mining	30	60	60	4	New

LH = Lecture Hours, PH = Practical Hours, CH = Contact Hours, CU = Credit Units

**NB: Total credit units is 68**