Kabale UNIVERSITY

Master of Information Technology

Programme Name: Master of Information Technology

Programme Code: MIT

Duration: The Programme is for a minimum of two (2) academic years and a maximum of five (5) academic years.

Study Time: Fulltime/Weekend

Intake: August

Faculty: Faculty of Computing, Library and Information Science

Programme Description

The Master of Information Technology (MIT) aims at nurturing graduates who can demonstrate mastery of advanced level of theoretical and practical ICT knowledge which they can apply in tackling complex global challenges. The Master of Information Technology (MIT) mainly deals with the Management of Information Technology focusing on a number of areas including but not limited to business process management, e-services, computer security, technology modeling and data management. The Programme is designed to give students a thorough knowledge of the field and to provide a firm foundation for professional growth and research. It develops skills applicable to complex real-world problems by blending theory and practice. The core courses in this programmes address challenges related to Enterprise Governance of ICT, Managing ICT Projects, Risk & Change Management, Cyber Security Management, IT project Management among others. Graduates of this programme are expected to engage in managerial processes that require critical thinking, problem-solving and intensive hands-on to solve real-world problems.

The MIT programme will prepare postgraduate students capable of articulating theories and practices that underpin Information Technology with emphasis of data modeling, information processing, Information technology strategy formulation in business organizations, e-commerce development, and management of Information Technology resources and personnel. The programme consists of lectures, tutorials, practical and individual research projects.

Entry Requirements:

To qualify for admission, a candidate must fulfill the general Kabale University entry requirements for master's degrees, and in addition the candidate must be a holder of either;

a) Bachelor's degree in Information Technology or any other related field such as Computer Science, Software engineering, Bachelor of Computer with Education, Bachelor of Business Computing and Computer engineering.

Tuition/ Sem East African

UGX 1,500,000

Tuition/Sem Non East African

USD 730

Programme Structure:

	YEAR 1 : SEMESTRE 1				
Course Code	**Name of Course**	**LH**	**PH**	**CH**	**CU**
MIT7101	Information Technology Project Management	45	30	60	4
MIT7102	Research Methods in Computing	30	60	60	4
MIT7103	Advanced Database Design and Management	15	90	60	4
MIT7104	Advanced Management Information System	45	30	60	4
MIT7105	Advanced Systems Analysis and Modeling	45	30	60	4
	Semester Credit Unit				**20**
	YEAR 1 : SEMESTER 2				
MIT7201	Computer Application in Research	30	60	60	4
MIT7202	Scholarly Writing and Publishing Skills	45	30	60	4
MIT7203	Information Security Management	30	60	60	4
Elective course(Choose any Two)					
MIT7204	Mobile and Wireless Networks	30	30	45	4
MIT7205	Web-based Technologies	15	60	45	4
MIT7206	Advanced Artificial Intelligence	30	30	45	4
	Semester Credit Unit				**20**
YEAR TWO	PLAN A OPTION				
MIT8201	Dissertation	0	180	90	**6**
Total Credit Units					**46**
YEAR TWO	**PLAN B OPTION**				
	YEAR 2 : SEMESTRE 1				
MIT8101	Advanced Object Oriented Programming	30	60	60	4
MIT8102	ICT Policy and Cyber Laws	45	30	60	4
MIT8103	Geographical Information Systems	30	60	60	4
Elective course(Choose any Two)					
MIT8104	Big Data Analytics	30	30	45	4
MIT8105	Cloud Computing and Web Security	30	30	45	4
MIT8106	Mobile Software And Content Development	15	60	45	4
	Semester Credit Unit				**20**

	YEAR 2 : SEMESTRE 2				
MIT8202	Project Report	0	180	90	6
	Semester Credit Unit				**66**

Note: CH=Contact Hours; CU=Credit Unit; PH=Practical Hours; LH=Lecturer Hours

Career opportunities/ Destinations:

Target Audience:

For the predictable future, it is expected that the Master of Information Technology (MIT) programme will continue to attract students/ learners with a wide range of backgrounds. The MIT programme may attract experienced individuals including IT professionals and people seeking career changes. MIT is appropriate and accommodates a wide range of professionals ranging from;

a) Experienced IT professionals seeking to upgrade their skill sets and to understand managerial issues.

b) Experienced management professionals seeking to advance their skills in managing technology projects.

c) Professionals from many engineering fields seeking a change in careers.

d) Post graduate diploma holders in IT or computer science who wish to upgrade to Masters Level.

e) This curriculum provides an opportunity for both full time and part-time staff members in the department to upgrade their qualifications.

The filled template should be sent to communications@kab.ac.ug.