

This Proposal was approved  
by the Commission for  
Higher Education on  
10-6-03  
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AUTHORISED SIGNATURE

# DAYSTAR UNIVERSITY

PROPOSAL CURRICULUM FOR  
BACHELOR OF COMMERCE  
MANAGEMENT INFORMATION SYSTEMS

TO BE OFFERED UNDER  
THE FACULTY OF SOCIAL SCIENCES

SUBMITTED TO  
THE COMMISSION FOR HIGHER EDUCATION  
THE REPUBLIC OF KENYA

NAIROBI  
FEBRUARY, 2003

COMMISSION FOR HIGHER  
EDUCATION  
DOCUMENTATION CENTRE

03/3973

# MANAGEMENT INFORMATION SYSTEMS

## I RATIONALE

As years go by, the world is becoming more and more in to an electronic global village. This possess many challenges like privacy, confidentiality, availability and integrity of information held in individual/organizational database. This calls for both individuals and organizations to keep abreast with the current information technology for effective protection and efficient production by optimizing the technology.

It is evident that advances in informational technology, production and usage have increased in the industrialized world while the same is happening at very slow speed in the developing world and especially Africa. In Africa, one may look at it from the illiteracy levels, vulnerability of organizations and individual database, the need for information systems specialists, and management information systems perspectives.

**Illiteracy:** The number of people who are illiterate in terms of lack of knowledge of usage of computers is very high in Africa. Because of this there is a dire need of people who are well literate in the usage of computers to assist in the production of data and information that will go along way in helping managers to make good decisions. Therefore, this program will seek to address this shortage/gap.

**Vulnerability of organizations and individual database:** There is a great risk that individuals, through design of viruses, can damage valuable files or destroy databases. The security of data is also very important in that there could be individuals who may have illegal access to unauthorized files. The program will train people who can better manage systems for individuals/organizations.

**Need for information systems specialists:** There is a gap between professionals trained in this field compared to per capita availability in the developed countries. Again, this is due to the two points that have been mentioned above. This is a new field in Kenya and Africa as whole. Because information systems has a vital developmental role to play in a any country, Daystar University must have a part to play in the endeavors to create such a pool of experts for Kenya and Africa.

**Management Information Systems:** There is a need to train managers who will have an overview of information systems in their organizations. This will relate to the types of MIS available, like, decision support system (DSS); transaction processing systems (TPS); executive information systems (EIS), etc. The same managers should supervise such data like: distributed database; centralized database; etc. They should look into modes of communication networks e.g. local area networks (LAN); wide area networks (WAN); etc. Lastly, but not the least, they should oversee the ethics and the security of systems.

## **II OBJECTIVES OF A BACHELOR OF COMMERCE DEGREE PROGRAMME WITH A MAJOR IN MANAGEMENT INFORMATION SYSTEMS**

Graduates will:

- 1 Be prepared to be servant leaders in a business environment or other organization to develop and implement information systems for business management.
- 2 Have an in-depth understanding of performing a needs analysis, and the design, development and implementation of information systems in a business environment including data base management.
- 3 Have a broad general understanding of the latest computer technology as it is applied to information systems within an organization, including networking and programming.
- 4 Have a solid base in business administration, management, strategic planning, forecasting and policy formulation.
- 5 Know business administration processes such as accounting, human resource management, marketing, inventory control, capacity planning and material requirement planning and how these can be integrated into an information system.
- 6 Be a responsible citizen who will apply Christian principles of morality, integrity, honesty and ethics in his/her profession.
- 7 Be prepared to enter an advanced degree program in Information Systems or for an MBA.

## **III REGULATIONS**

### **1 ADMISSION REQUIREMENTS**

Applicants must fulfill entry requirements that apply to admission of all Daystar University Undergraduate Students. In addition they must have obtained at least a "C+" plus grade in the Kenya Certificate of Secondary Education or its equivalent in Mathematics. They must also have passed in the English language with at least a "C+" grade or its equivalent.

### **2 STUDENT ASSESSMENT**

Daystar operates a program of continuous assessment of student's work. This means that all quizzes, assignments, projects, tests, term papers, practical work etc. and final examinations are included in the calculation of the student's final work and grade for a given course.