

- 1) ILMS → is an open source LMS
 used by libraries to manage their
 own system architecture
 2) Network server → can be stalled on sever running Linux.
 3) Client workstations → it require only a web browser on
 the network station.
 4) Koha runs over any TCP-IP Network.
 5) Koha accommodates low-bandwidth connections. It completely
 usable on ordinary telephone line.
Advantages
 - It is free open source software
 - It is a customizable web-based interfaces
 - It contains all modules of library
 - It supports Z39.50 server and client for data interchange
 - It enhance patron services e.g. online reservation.

- functions
- Cataloguing → manages and enters bks records, using standard formats
 - Circulation → support borrowing, returning, renewing
 - OPAC → user search bks online
 - Acquisition → manage ordering & purchasing new items
 - Report → generate useful report on library usage.
 - Serials module → manage periodical publications like newspaper
- sub-discipline of info science

Library science - managing of libraries, cataloguing

Informal retrieval - searching, retrieval

Archival science - preservation of records

Record management - creation, maintenance

Information system - Database

Technology

Science

- Laws of Library
 - books for use → matter
 - Every reader has her book
 - Every book its reader → book have value to someone
 - save the time of the reader
 services should be fast, efficient
 be well trained
 -> Library is a growing organism
 It continuously evolve with
 new materials technology

Cloud computing - developed by Claude Shannon 1948
Cloud Services
 NDN - distributed information → did not consider gender, race, culture, race, religion
 Privacy and confidentiality → library needs to provide a private
 environment for users
 Cloud computing → library provides a private environment for
 users
 Cloud computing → the cloud be used to access information
TOP
 Library is a systematical division of the principles
 Information based on research and application
 using and cataloguing data as opposed to the production
 of information to the public



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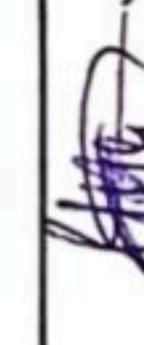
OF SCIENCE IN INFORMATION SCIENCE

BIS-1-2634-2/2025

אנו מודים לך

UNBURA VALARY ADHIAMBO

BACHELOR OF SCIENCE IN INFORMATION SCIENCE

SESSION: STAGE: Y1S1 SEMESTER: TRIMESTER 3 2025		
Unit Code	Unit Name	Lecturer Signature
BSIS 112	Introduction to Library and Information Science	
BSIS 113	Introduction to Computers	
BSIS 115	Introduction to Database Systems	
SOST 131	Introduction to Sociology	
THEO 111	Christian Beliefs	



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