

## YEAR 3

### Trimester 5

Course Code	Course Title	Credits
BSIS 314	Marketing & Public Relations	3
BSIS 315	Database Design & Management	3
BSIS 316	Management Information Systems (MIS)	3
	SPECIALIZATION 1	3
	SPECIALIZATION 2	3
	ELECTIVE 1	3
		18

### Trimester 6

Course Code	Course Title	Credits
BSIS 423	Research Methods	3
BSIS 425	Economics of Information	3
BSIS 427	Web Designs Development & Management	3
	SPECIALIZATION 3	3
	SPECIALIZATION 4	3
	ELECTIVE 2	3
		18

## YEAR 4

### Trimester 7

Course Code	Course Title	Credits
BSIS 428	Research Project	3
BSIS 429	Practicum	6
	SPECIALIZATION 5	3
	SPECIALIZATION 6	3
		15

### Trimester 8

Course Code	Course Title	Credits
BSIS 430	Human Computer Interaction	3
BSIS 431	Information, Law & Policy	3
BSIS 432	Information for Development	3
BSIS 433	Knowledge Management	3
	SPECIALIZATION 7	3
	ELECTIVE 3	3
		18

## ELECTIVE COURSES

Course Code	Course Title	Credits
BSIS 337	Gender & Information Studies	3
BSIS 338	Business Information Sources & Services	3
BSIS 339	Social Science Information Sources & Services	3
BSIS 340	Scientific Sources of Information & Services	3
BSIS 441	Agricultural Sources of Information & Services	3
BSIS 442	Health Information Sources & Services	3
BSIS 443	Geographical Sources of Information & Services	3
BSIS 444	Disaster Management	3

Credit Hours required for graduation with Bachelor of Science in Information Science

Core Courses	93 Credits
Program Concentration Units	21 Credits
Electives	9 Credits
Common Courses	18 Credits
<b>Total</b>	<b>141 Credits</b>

#### Main Campus, Meru

P.O. Box 267 - 60200, Meru, Kenya

Tel: : 020 - 2118423/4/5/6/7 , 0724 - 256 162, 0734 - 310 655

info@kemu.ac.ke Fax: 064 - 30162

#### Nairobi Campus

KeMU Hub

P.O. Box 45240- 00100, Nairobi, Kenya

Tel: 020 - 2247987/2248172, 0725 - 751 878, 0735 - 701 311

nairobicampus@kemu.ac.ke Fax: 020 - 248160

#### Nakuru Campus:

Mache Plaza

P.O. Box 3654 - 20100, Nakuru, Kenya

Tel: 051-2214456 Fax: 2215314

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#### Mombasa Campus:

P.O. Box 89983 - 80100,

Mombasa, Kenya Tel: 041 - 2495945/8

0715 120 282, 0731 190 932 info@kemu.ac.ke

#### Nyeri Campus:

Rware Building

P. O. Box 2285 - 10140, Nyeri, Kenya

Tel: 061- 2032904, 020 - 2118441, 0700-739 988, 0733 601 884

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#### Kisii Campus:

Royal Towers, 4th Floor

Tel: 0708 968 346

Email: info@kemu.ac.ke

#### Meru Town Centre:

P.O. Box 267 - 60200, Meru, Kenya

Tel: 064 - 31814 , 0718 767 060

info@kemu.ac.ke

#### Maua Centre:

Maua Methodist Hospital Sacco Building

P.O. Box 267 - 60200, Meru, Kenya

Tel: 020 - 2118439, info@kemu.ac.ke

#### Marimanti Centre:

Methodist Rural Training Centre

P.O. Box 22 - 60215, Marimanti, Kenya

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# KeMU

Kenya Methodist University

*The future is here!*

## Bachelor of Science in Information Science

## About the Programme

Information is key to organizational and business success.

In Kenya and in the world as a whole, the provision of timely and accurate information has become an important management function in decision making, preparation of action plans and control activities. Organisations are faced by an accelerated rate of change, a more complex environment and increasing uncertainty. They therefore require proper information in order to be successful in the competitive world markets. Access to up-to-date information through online retrieval enhances the emerging digital firm in E-Government, E-Commerce, E-Business etc. Contemporary issues like the development of digital villages, Human Rights, Millennium Development Goals and related strategies all depend on the way information is acquired, applied and organized.

The BSIS degree is designed to meet the market demand in training information specialists who will be equipped with knowledge and skills to manage libraries, information centres and information resources in a changing environment that is fast embracing the use of Information Technology.

### Programme's Expected Learning Outcomes

The following are the expected learning outcomes of the BSIS programmes

- To equip students with the skills and expertise to critically manage various types of information resources in libraries, information centers, and other information institutions and organizations.
- To produce professionals who are able to use and apply Information and Communication Technologies (ICT) in the handling of information.
- To create and develop an awareness for the need of dissemination and transfer of information in all sectors of the economy and development.
- To prepare the candidates for progression to higher levels of study and research in their fields of specialization.

### Admission Requirements

- Holder of KCSE certificate (or equivalent examination) certificate with a minimum aggregate of C+ and a minimum of C in both Mathematics and English, or
- Holder of KACE certificate with a minimum of two principal

- passes, and a minimum of a credit pass in Mathematics at KCE, or
- Holder of diploma or professional certificate in a relevant discipline from an institution recognised by the University Senate or,
- Holder of any other qualification accepted by the KeMU Senate as equivalent to any of the above

### Duration of Study

The Bachelor of science in Information Science program shall be offered in eight (8) trimesters plus eight (8) weeks of industrial attachment. This translate to our four (4) years of study, but this period can be shortened to three (3) calendar years by registering for three (3) trimesters a year. Two trimesters are equivalent to one academic year.

### Credit Transfers

A candidate who registers with post secondary qualifications may be allowed to transfer relevant credits into BSIS program for some courses from institutions recognized by the University Senate, provided a grade B or equivalent is attained in the course proposed for transfer.

## PROGRAMME STRUCTURE

### YEAR 1

#### Trimester 1

Course Code	Course Title	Credits
BSIS 112	Introduction to Library & Information Science	3
BSIS 113	Computers Fundamentals & Programming	3
BSIS 115	Introduction to Database Systems	3
BUSS 114	Entrepreneurship	3
COMM 111	Communication Skills	3
THEO 111	Christian Beliefs	3
		18

#### Trimester 2

Course Code	Course Title	Credits
BSIS 116	Multimedia Information Sources and Services	3
BSIS 117	Introduction to Records and Archives Management	3
BSIS 118	Internet and Information Services	3
BSIS 119	Introduction to Organization of Knowledge	3
ENVI 205	Environmental Science	3
BUSS 102	College Writing and Rhetoric	3
		18

## YEAR 2

### Trimester 3:

Course Code	Course Title	Credits
BSIS 205	Statistics for Information Scientists	3
BSIS 209	Principles and Practice of Information Sciences	3
BSIS 210	Organization of Knowledge/Cataloging	3
BSIS 215	Organization of Knowledge/Classification	3
BSIS 218	Records Management	3
HSCI 225	HIV and AIDS	3
		18

### Trimester 4:

Course Code	Course Title	Credits
BSIS 206	Critical thinking & System Problems Solving	3
BSIS 211	Information Communication and Mass Media	3
BSIS 213	Automation of Libraries and Information Centres	3
BSIS 214	Procurement Optimization and Contractual Agreements	3
BSIS 217	Information Communication Technologies	3
BSIS 219	Archives Management	3

Specialization Courses in the Bachelor of Science in Information Science Programme (A student should take seven (7) courses in their respective area of specialization totaling 21 credit hours).

### LIBRARY AND INFORMATION SCIENCE OPTION

Course Code	Course Title	Credits
BLIS 310	Publishing Industry & Book Trade	3
BLIS 311	Management of Libraries/Information Centres	3
BLIS 312	Information Literacy	3
BLIS 313	Advanced Organizational of Knowledge	3
BLIS 425	Information Analysis & Repackaging	3
BLIS 426	User Studies & Information Services	3
BLIS 427	Institutional Repositories	3

## INFORMATION COMMUNICATION TECHNOLOGY OPTION

Course Code	Course Title	Credits
BICT 320	Object-Oriented Programming	3
BICT 321	System Analysis & Design	3
BICT 322	Data Communication	3
BICT 323	Computer Networking	3
BICT 428	Information Security	3
BICT 429	Automated Advanced Information Retrieval	3
BICT 430	Establishing & Managing Community ICT Centres	3

## RECORDS MANAGEMENT OPTION

Course Code	Course Title	Credits
BRMT 330	Preservation & Conservation of Information Materials	3
BRMT 331	Business Records Management	3
BRMT 332	Marketing of Records & Archives Services	3
BRMT 333	E-Records Management	3
BRMT 431	Management of Records Centres	3
BRMT 432	Managing Personnel Records	3
BRMT 433	Management of Registries	3

## LOGISTICS MANAGEMENT OPTION

Course Code	Course Title	Credits
BLMT 340	Introduction to Logistics Fundamentals & Processes	3
BLMT 341	Material Requirements Planning & Warehousing	3
BLMT 342	Logistics Systems Operations	3
BLMT 343	Inventory Management	3
BLMT 434	Logistics Information Systems	3
BLMT 435	Distribution & Transportation Management	3
BLMT 436	Operations Research	