

FACULTY OF HEALTH & EDUCATION

(CONTINUED)

Diploma in Health Information Management

Programme details:

The Diploma in Health Information Management is a progressive and prestigious qualification developed by Botho University for those individuals who are passionate about facilitating the delivery of world class healthcare services to all stakeholders through the acquisition, recording, storage, retrieval and analysis of healthcare data. Students will be exposed to key aspects of health information management such as disease coding, medical transcription, health information systems to name a few. Possessing this qualification will make you an effective team member of multidisciplinary healthcare teams anywhere in the world.

Core modules:

D6-AWS-20 Academic Writing for STEM (10)
C5-CE1-20 Computer and its Essentials 1 (10)
D6-IAP-21 Introduction to Anatomy and Physiology (20)
B5-BM1-20 Business Management 1 (10)
D6-HET-21 Health Ethics (10)
C6-CE2-20 Computer and its Essentials 2 (10)
D6-IPP-21 Introduction to Pathology & Pharmacology (20)
D6-EPI-13 Epidemiology (20)
D5-BLS-21 Basic Life Support and Emergency Care (10)
D6-IMT-21 Introduction to Medical Terminology (20)
A5-IFA-20 Introduction to Financial Accounting (10)
D5-IEH-21 Introduction to E-Health (10)
B7-HRM-20 Human Resources Management (10)
D5-MDB-21 Medical Databases 1 (10)
D6-IHI-21 Introduction to Health Insurance (10)
D7-FDC-21 Fundamentals of Disease Coding (20)
B6-PTM-20 Procurement & Tender Management (10)
D6-ITR-21 Introduction to Medical Transcription (10)
D5-CHA-21 Computing in Health Administration 1 (10)
D7-HIS-21 Health Information Systems (20) D7-HIR-21 Health Information Risk Management (10)
D7-BST-21 Biostatistics (20)
B6-OPM-20 Operations Management (10)
B8-ENI-20 Entrepreneurship & Innovation (20)
D7-PPR-21 Professional Practice in HIM (40)

Semester 1:

D6-AWS-20, C5-CE1-20, D6-IAP-21, B5-BM1-20, D6-HET-21,

Semester 2:

C6-CE2-20, D6-IPP-21, D6-EPI-13, D5-BLS-21

Semester 3:

D6-IMT-21, A5-IFA-20, D5-IEH-21, B7-HRM-20, D5-MDB-21

Semester 4:

D6-IHI-21, D7-FDC-21, B6-PTM-20 D6-ITR-21, D5-CHA-21

Semester 5:

D7-HIS-21, (20) D7-HIR-21, D7-BST-21, B6-OPM-20

Semester 6:

B8-ENI-20, D7-PPR-21

Admission Criteria:

NSSC(O)/equivalent with minimum Pass (D) in 5 subjects including a science subject with significant content of biological aspects.

Diploma Health Informatics

Programme details

Health Informatics is a relatively new field where computer science intersects with health information science to inform the decision making in healthcare. At the end of this qualification, the graduates would be able to/have skills necessary to;

- Communicate effectively through oral and written academic reports, software documentation and academic writing
- Develop software and be able to store, retrieve, secure, make effective use and share the health information/data.
- Integrate the knowledge and skills of computing (especially in data structures, algorithms, mathematics, computer modeling of health data, simulation,

FACULTY OF HEALTH & EDUCATION (CONTINUED)



experimentation, translation, programming, software engineering, and statistics) in designing effective health care delivery information system, presentation of information, research and monitoring and evaluation.

- Apply the knowledge and skills in information and technology to design, monitor and evaluate economic, ethical, social issues through research so as to address social and behavioral related issues in health care for informed decision making.

Core modules:

D6-AWS-20 Academic Writing for STEM (10)
 C5-CE1-20 Computer and its Essentials 1 (10)
 C5-MAT-11 Mathematics (20)
 D6-IAP-21 Introduction to Anatomy and Physiology (20)
 C6-CE2-20 Computer and its Essentials 2 (10)
 D6-PNP-21 Pathology & Pharmacology (10)
 D5-MDB-21 Medical Databases 1 (10)
 C6-IPC-11 Introduction to Programming Using C++ (20)
 D6-FHT-21 Fundamentals of Health Informatics (10)
 D6-MTG-21 Medical Terminology (10)
 C7-JAV-11 Programming Using JAVA (20)
 D5-IEH-21 Introduction to E-Health (10)
 D5-CHA-21 Computing in Health Administration 1 (10)
 D6-MDB-21 Medical Databases 2 (10)
 D7-IDC-21 Introduction to Disease Coding (10)
 D6-CHA-21 Computing in Health Administration 2 (10)

C7-MDP-13 Mobile Device Programming (20)

D6-IPG-21 Introduction to Epidemiology (10)

C6-IDS-21 Information and Data Security (10)

D6-ITR-21 Medical Transcription (10)

D7-MES-21 Medical Statistics (10)

D5-IGH-21 Introduction to Global Health (10)

C7-SEN-11 Software Engineering (20)

D6-HET-21 Health Ethics (10)

D7-PPR-21 Professional Practice in HIM (40)

B8-ENT-13 Essentials of Entrepreneurship (20)

Semester 1:

D6-AWS-20, C5-CE1-20, C5-MAT-1, D6-IAP-21

Semester 2:

C6-CE2-20, D6-PNP-21, D5-MDB-21, C6-IPC-11, D6-FHT-21

Semester 3:

C7-JAV-11, D5-IEH-21, D5-CHA-21, D6-MDB-21

Semester 4:

D7-IDC-21, D6-CHA-21, C7-MDP-13, D6-IPG-21, C6-IDS-21,

Semester 5:

D6-MTR-21, D7-MES-21, D5-IGH-21, C7-SEN-11

Semester 6:

D6-HET-21, D7-PPR-21, B8-ENT-13

Admission Criteria:

NSSC(O)/equivalent with minimum Pass (D) in 5 subjects including a science subject with significant content of biological aspects.