The Open University of Tanzania

Faculty of Science, Technology and Environmental Studies

ICT Department

Do you want to Earn a Bachelor of Science Degree in Data Management by Learning at your Flexibility?

Where is the Programme Offered?
BSc in Data Management is a new degree programme to be offered at the Open University of Tanzania in the coming academic year 2014/2015 starting October 2014 in six (6) based zonal centres:

- **(i.)** ARUSHA: For students from Arusha, Manyara, Kilimanjaro and Tanga.
- **(ii.)** KINONDONI: For students from Kinondoni, Ilala, Temeke, Pwani, Morogoro, Lindi and Mtwara.
- **(iii.)** ZANZIBAR: For students from Zanzibar and Pemba.
- **(iv.)** DODOMA: For students from Dodoma and Singida.
- **(v.)** MWANZA: For students from Mwanza, Mara, Shinyanga, Kagera, Kigoma and Tabora.
- **(vi.)** MBEYA: For students from Mbeya, Rukwa, Iringa, Njombe and Ruvuma.

Why?
The programme aims at producing graduates with fundamental concepts, theories, skills and principles relating to the field of data management. The programme covers all social, cultural, management and technical aspects in data cycle ranging from data creation, processing, interpretation, storage and data security.

The courses in the programme are made to allow various specializations based on the nature of the data such as health data systems, agriculture data systems, science data, financial and banks data systems, educational data management, information management and digital library, etc.

To make it current with increasing demand of multidisciplinary skills in the growing digital world, the programme is integrated with the special crosscutting course that covers global agendas including HIV/AIDS, gender issues, entrepreneurship and project management, poverty alleviation, ICT4D, leadership and management skills, environmental pollution, challenges and management and good governance from both local and global context.

Learn At Your Own Pace with both ODL and Face to Face
The mode of delivery for the BSc in Data Management programme is mixed of *intensive face to face sessions (5 weeks per year in four sessions)*, *by distance mode* and through *online using e-learning (MOODLE LMS platform)*.

We Accept New Applications, Apply Online or Visit any Nearest Regional Centre in all Regions

Who Can Apply?

Database Administrators, Bankers, Systems Analysis, Data Operators, Library Officers, Researchers, Project Managers and Executors, Data Processors, Accountants, Security Officers, Supervisors, Tax Officers, Teachers/Trainers, Advisors and Consultants, Production managers, Counselors, Advocators, Sales Managers, Agriculturalists, Health Officers, Standardizers and Licensers, Planners, Human Resource Managers.

The Applicants for this programme must meet the following entry requirements:

(i.) Five O'Level principal level passes in English, Mathematics and any other three Science or Social Science subjects. AND

(ii.) Must possess two (2) principal level passes of science subjects or other relevant subjects which are Geography, Economics, Commerce and Accountancy in A'Level certificate OR

(iii.) OFC Certificate of the Open University of Tanzania (or equivalent) OR

(iv.) Ordinary Diploma or Appropriate Technician Ordinary Diploma recognized by NACTE (NTA Level 6).

LIST OF COURSES

SN	Course Title	Units	Status
	LEVEL I		
1	Communication Skills	1	Core
2	Introductory Statistics and Economic Statistics	1	Core
3	Introductory Science	1	Core
4	Fundamentals of Information Systems	2	Core
5	Introduction to Computer Programming Languages	1	Core
6	Introduction to Operating Systems	1	Core
7	Data Governance in Organizations	2	Core
8	Database Concepts	1	Core
9	Applied Mathematics I	1	Core
10	Industrial Training	2	Core
	LEVEL II		
11	Graphics Processing & Human Computer Interaction	1	Elective
12	e-Commerce: Business, Technology and Society	2	Core
13	Communication Technology, Corporate Portals & Internet Architecture	2	Core
14	Enterprise Resource Planning (ERP) Systems	2	Elective
15	Applied Mathematics II	1	Core
16	Research Methods & Data Analysis	2	Core
17	Fundamentals of GIS	1	Core
18	Database Implementation	1	Core
19	Cross Cutting Issues in Community	1	Elective
20	Field Practical Training (FPT)	2	Core
	LEVEL II		
21	Entrepreneurships & Business Planning	1	Core
22	Multimedia Technologies	1	Core
23	Data Mining and Data Warehousing	1	Core
24	Cyber Ethics & Data Security	2	Core
25	Education Data Management and Digital Libraries	2	Elective (Specialization)
26	Health Data Management	2	Elective (Specialization)
27	Data in Agriculture Systems	2	Elective (Specialization)
28	Financial Data Management	2	Elective (Specialization)
29	Special Project	3	Core

CONTACT US

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