

Diploma in Sanitary Science - SC231 (Under Review)

1. Objectives

The teaching of Diploma in Sanitary Science programme aims at producing sanitary science officers with a thorough grounding in the field of Environmental Health. Topics related to hygiene, law, medical and paramedical fields will be considered.

Emphasis will also be placed on the personal development of students towards acquiring professional competence and a sense of community responsibility.

2. General Entry Requirements

As per General Entry Requirements for admission to the University for diplomas.

3. Programme Requirements

General Certificate of Education ('O' Level), which shows passes in English Language and in four other subjects, including a science subject.

4. Programme Duration

	Normal	Maximum
Diploma:	4 Semesters (2 years)	6 Semesters (3 years)

5. Credits per Year

Minimum 20 credits, Maximum 48 credits, subject to regulation 4.

6. Minimum Credits Required for Award of Diploma: 64

7. Assessment

Each module will carry 100 marks and will be assessed yearly as follows (unless otherwise specified):

Continuous assessment will carry up to 25% of total marks while written examination will account for 75%. Continuous assessment can be based on laboratory work and/or assignments and should include at least 1 class test.

The following modules will be examined by a **2 hr written exam paper**:

Year 1

DSS 1130 and DSS 1220.

Year 2

DSS 2110; DSS 2120; DSS 2130 and DSS 2220.

The following pairs of modules will be assessed jointly by a **3-hour written examination**:

Year 1

DSS 1110 and DSS 1140
 DSS 1120 and DSS 1250
 DSS 1210 and DSS 1240
 DSS 1150 and DSS 1230

Year 2

DSS 2210 and DSS 2240
 DSS 2140 and DSS 2230

The Module WCS 2200(3) - Writing Case Studies will carry 70 marks for the write up (3000-4000 words) and 30 marks for the power point presentation (max 15 minutes per case). Assessment will be based on 100% continuous assessment (no written examinations). This module will consist of 9 contact hours and 36 hours of self-study, carries 3 credits and shall be compulsory. A group of 2 students is expected to identify a case-study and must submit an Abstract of 200 words to the lecturer co-ordinating the module after the 3 weeks of lectures and submit the full case study at the end of the module for assessment. Module will be run in first semester for second year.

8. List of Modules

Code	Module Name	Hrs/Wk L+P	Credits
DSS 1110	Medical Microbiology/Parasitology & Medical Entomology	3+0	3
DSS 1120	General Environmental Sanitation	3+0	3
DSS 1130	Human Anatomy & Physiology	3+0	3
DSS 1140	Introduction to Food Hygiene	3+0	3
DSS 1150	Medical and Health Statistics	3+0	3
DSS 1210	Public Health Administration & Organisation	3+0	3
DSS 1220	Prevention and Control of Communicable and Non-Communicable Diseases	3+0	3
DSS 1230	Basic Computing and Bio-information Science	3+0	3
DSS 1240	Water Supply	3+0	3
DSS 1250	Waste Management and Disposal	3+0	3
DSS 2110	Community Health	3+0	3
DSS 2120	Industrial Hygiene	3+0	3
DSS 2130	Food Microbiology	3+0	3
DSS 2140	Meat, Poultry and Fish Hygiene	3+0	3
DSS 2210	Dairy Products and Food Inspection	3+0	3
DSS 2220	Professional Studies	0+4	2
DSS 2230	Food Processing, Hygiene and Safety	3+0	3
DSS 2240	Law, Practice of Food Safety and Public Health Laws	3+0	3
WCS 2200 (3)	Writing Case Studies	3+0	3
DSS 2250	Project	-	8

* 9.

Programme Plan - Diploma in Sanitary Science

				<u>YEAR 1</u>			
Semester 1				Semester 2			
Code	Module Name	Hrs/Wk L+P	Credits	Code	Module Name	Hrs/Wk L+P	Credits
CORE				CORE			
DSS 1110	Medical Microbiology/ Parasitology & Medical Entomology	3+0	3	DSS 1210	Public Health Administration & Organisation	3+0	3
DSS 1120	General Environmental Sanitation	3+0	3	DSS 1220	Prevention and Control of Communicable and Non-Communicable Diseases	3+0	3
DSS 1130	Human Anatomy and Physiology	3+0	3	DSS 1230	Basic Computing and Bio-information Science	3+0	3
DSS 1140	Introduction to Food Hygiene	3+0	3	DSS 1240	Water Supply	3+0	3
DSS 1150	Medical and Health Statistics	3+0	3	DSS 1250	Waste Management and Disposal	3+0	3
				<u>YEAR 2</u>			
Semester 1				Semester 2			
Code	Module Name	Hrs/Wk L+P	Credits	Code	Module Name	Hrs/Wk L+P	Credits
CORE				CORE			
				WCS 2200 (3)	Writing Case Studies*	3+0	3
DSS 2110	Community Health	3+0	3	DSS 2210	Dairy Products and Food Inspection	3+0	3
DSS 2120	Industrial Hygiene	3+0	3	DSS 2220	Professional Studies	0+4	2
DSS 2130	Food Microbiology	3+0	3	DSS 2230	Food Processing, Hygiene and Safety	3+0	3
DSS 2140	Meat, Poultry and Fish Hygiene	3+0	3	DSS 2240	Law, Practice of Food Safety and Public Health Laws	3+0	3
DSS 2250	Project	-	-	DSS 2250	Project	-	8

In-service training: (During University Vacation time)

During the long vacation periods, at the end of each academic year, students will be placed for training over a total period of at least 6 weeks at Public Health Institutions/ laboratories and other resource units. At the end of the training period, the student should submit a report on his/her training to the respective course coordinators and Chief Health Sanitary Officer.