



ENVIRONMENTAL HEALTH COUNCIL OF NIGERIA
Established by Act 11 of 2002 (As Amended)

**QUESTIONNAIRES FOR ACCREDITATION OF BACHELOR OF
ENVIRONMENTAL HEALTH SCIENCE IN NIGERIA**

VISION

Ensure that Environmental Health Practice is positioned as the fulcrum of Public Health in Nigeria

MISSION

To improve Standard in Training and Practice adding value to Environmental Health Services

MANDATE

- a. Determining what standards of knowledge and skill are to be attained by persons seeking to become members of the profession of Environmental Health and improving those standards from time to time as circumstances may permit;
- b. Securing in accordance with the provisions of this Act the establishment and maintenance of a register of persons registered under this Act as members of the profession and the publication from time to time of lists of those persons;
- c. Conducting examinations in the profession and awarding certificates or diplomas to successful candidates as appropriate and for such purpose and the Council shall prescribe fees to be paid in respect thereof, and
- d. Performing the other functions conferred on the Council by this act.

1.0 INTRODUCTION

This questionnaire is to assess the preparedness of institutions to commence training in any of the Environmental Health Programmes at Bachelors level. Institutions are therefore expected to complete the questionnaire and ensure accuracy of information and equally note as follows:

- i. The questionnaire is to be completed in respect of each of the Environmental Health Programmes in your institution for which accreditation is required.
- ii. The original copy of duly completed questionnaire should be forwarded to the Council within thirty days (30) of receipt. Institutions are also expected to keep a copy of the completed questionnaire for their records.
- iii. Tick, fill or circle all relevant sections of the questionnaire and attach all necessary supporting documents as appropriate.
- iv. The questionnaire must be completed by the officer responsible for the coordination of the programme i.e. the Head of Department (HOD).
- v. The following documents are to be attached:
 - a. Institution's Profile
 - b. Legal Instrument establishing the Institution
 - c. Tax Clearance Certificate (for private institution)
 - d. Pictures of the facilities/equipment/vehicles
 - e. Other necessary approval from other government agencies
 - f. Evidence of payment for assessment form (questionnaire)
- vi. Completed questionnaire should be forwarded to:

**THE REGISTRAR/CEO
ENVIRONMENTAL HEALTH OFFICERS REGISTRATION COUNCIL OF
NIGERIA NO. 1 Obosi Street Off Ogidi Street, Ladoke Akintola Boulevard Garki
II, ABUJA NIGERIA. Tel.**

2.0 QUESTIONNAIRE

QUESTIONNAIRE FOR ACCREDITATION OF ENVIRONMENTAL HEALTH DEGREE PROGRAMME

S/N	ITEMS	RESPONSES
1.	Name of Institution	
2.	Address	
3.	Phone Numbers	
4.	E-mail	
5.	Website	
6.	Date Established	
7.	Establishment Instrument: Private (CAC No) Public (Law)	
8.	Name of Proprietor	
9.	Phone No of the Proprietor	
10.	Is there a governing council for the institution	
11.	How often does it meet	
12.	When last did it meet	
13.	Is there a Senate	
14.	How often does it meet	
15.	When last did it meet	
16.	Type of programme	
17.	Is the programme provided with regular running cost?	
18.	If yes, state how much per month	
19.	Department where the programme is domiciled	
20.	Is the programme accredited by NUC	
21.	Name of Head of Institution	
22.	Designation of Head of the institution	
23.	Name of Head of programme	

24.	Qualification of Head of Programme	
25.	Phone Number of Head of Programme	
26.	Is the institution located on a permanent site	
27.	If no, state the location of the permanent site	
SECTION B: INFRASTRUCTURE AND EQUIPMENT		
S/N	ITEMS	RESPONSES
28.	Are there adequate office accommodation for Teaching staff	
29.	Are there adequate office accommodation for Non-Teaching staff	
30.	How many lecture halls are available for the programme	
31.	Are there specific Halls for seminars?	
32.	Is there an adequate office accommodation for the administration of the programme?	
33.	Are there adequate furniture in the offices e.g. tables, chairs, etc.	
34.	Are there adequate toilet facilities for Male Staff	
35.	Are there adequate toilet facilities for Female Staff	
36.	Are there adequate toilet facilities for Male Student	
37.	Are there adequate toilet facilities for Female Student	
38.	Are accommodation provided for staff	
39.	Are accommodation provided for students	
40.	Do you have adequate number of computer units for the programme? (5- 10 =2points, 11- 20=4points)	
41.	Does student have access to the computer	
42.	Are the computers connected to the internet?	
43.	Does the Institution have a library?	
44.	Are there adequate professional Books, in the institution's library?	
45.	Are there adequate Internet facilities, in the institution's library?	
46.	Are there adequate Journals in the institutions library?	
47.	Are there adequate News paper in the institutions library?	
48.	Are there functional Photocopiers in the institution's library?	
49.	Are there functional printers, in the institution's library?	

50.	Are there functional scanners in the institution's library?	
51.	Does the Institution have an e-library?	
52.	Does the department have a library?	
53.	Is the size of the departmental library adequate?	
54.	Are there adequate furniture (shelves, chairs & tables) in the departmental library	
55.	Are there adequate relevant books in the departmental library	
56.	Are there adequate relevant Journals in the departmental library	
57.	Are there adequate relevant Newspapers in the departmental library	
58.	Is the Lighting in the departmental library adequate	
59.	Is the ventilation in the departmental library adequate	
60.	Is the library running on- line services?	
SECTION C: BASIC SCIENCES LABORATORY (PHYSICS, CHEMISTRY & BIOLOGY)		RESPONSES
61.	Are there basic science laboratories for the programme?	
62.	Are the equipment in the laboratory adequate	
63.	Are the reagents in the laboratory adequate	
64.	Is the space in the laboratory adequate	
65.	Is the ventilation in the laboratory adequate	
66.	Is the lighting in the laboratories adequate	
67.	Is the water supply in the laboratories adequate	
68.	Is there adequate provision for safety in the laboratories?	
SECTION D: FOOD AND WATER LABORATORY		RESPONSES
69.	is there food & water laboratory for the programme?	
70.	Are the equipment in the laboratory adequate	
71.	Are the reagents in the laboratory adequate	
72.	Is the space in the laboratory adequate	
73.	Is the ventilation in the laboratory adequate	
74.	Is the lighting in the laboratory adequate	
75.	Is the water supply in the laboratory adequate	

76.	Is there adequate provision for safety in the laboratory (Exit Door, Fire Extinguisher, Smoke Alarm/Detector etc.) ?	
SECTION E: AIR QUALITY, NOISE AND RADIATION LABORATORY		RESPONSES
77.	Is there air quality, noise and radiation laboratory for the programme?	
78.	Are the equipment in the laboratory adequate	
79.	Is the space in the laboratory adequate	
80.	Is the ventilation in the laboratory adequate	
81.	Is the lighting in the laboratories adequate	
82.	Is the water supply in the laboratories adequate	
83.	Is there adequate provision for safety in the laboratories?	
SECTION F: PUBLIC HEALTH ENTAMOLOGY & ARBOVIRUS LABORATORY		RESPONSES
84.	is there Public Health Entamology & arbovirus laboratory for the programme?	
85.	Are the equipment in the laboratory adequate	
86.	Are the reagents in the laboratory adequate	
87.	Is the space in the laboratory adequate	
88.	Is the ventilation in the laboratory adequate	
89.	Is the lighting in the laboratories adequate	
90.	Is the water supply in the laboratories adequate	
91.	Is there adequate provision for safety in the laboratories?	
SECTION G: ENVIRONMENTAL EPIDEMIOLOGY AND TOXICOLOGY LABORATORY		RESPONSES
92.	is there environmental epidemiology & toxicology laboratory for the programme?	
93.	Are the equipment in the laboratory adequate	
94.	Are the reagents in the laboratory adequate	
95.	Is the space in the laboratory adequate	
96.	Is the ventilation in the laboratory adequate	
97.	Is the lighting in the laboratories adequate	
98.	Is the water supply in the laboratories adequate	
99.	Is there adequate provision for safety in the laboratories?	
100.	Is there an environmental health museum?	
101.	Are there adequate models in the environmental health museum	
102.	Is the space in the environmental health museum adequate	
103.	Is the ventilation in the environmental health museum adequate	

104.	Is the lighting in the environmental health museum adequate	
SECTION I: TECHNICAL DRAWING STUDIO		RESPONSES
105.	Is there a technical drawing studio with adequate facilities?	
106.	Is the space in the technical drawing studio adequate	
107.	Is the ventilation in the technical drawing studio adequate	
108.	Is the lighting in the technical drawing studio adequate	
109.	Is there an audio visual studio with adequate facilities?	
110.	Is the space in the audio visual studio adequate	
111.	Is the ventilation in the audio visual studio adequate	
112.	Is the lighting in the audio visual studio adequate	
113.	State the number of Lecture Halls available for the programme	
114.	State the size of the smallest Lecture Hall	
115.	Is the space in the Lecture Halls adequate	
116.	Is the ventilation in Lecture Halls adequate	
117.	Is the lighting in the Lecture Hall adequate	
118.	Do the Lecture Halls have exit doors?	
119.	State the size of the largest Lecture Hall	
SECTION L: SIWES/FIELD PRACTICUM AREAS		RESPONSES
120.	List the various practice areas available for the programme for fieldwork activities. (Use additional sheets if needed)	
121.	evidence(s)-MOU	
122.	evidence(s)-students log book	
123.	Is there a designated coordinator?	
SECTION M: HUMAN RESOURCE		
S/N	ITEMS	RESPONSES
124.	How many Professional Teaching staff do you have for the programme	
125.	How many have current licence	
126.	How many Professors do you have	
127.	How many Associate Professors do you have	
128.	How many Senior Lecturers do you have	
129.	How many Lecturer I do you have	
130.	How many Lecturer II do you have	
131.	How many Assistant Lecturers do you have	

132.	How many Graduate Assistants do you have	
133.	How many are on full time	
134.	How many are on part time	
135.	How many general Services staff do you have for the programme	
136.	How many Technical staff do you have for the programme	
137.	How many Administrative support staff do you have for the programme	
SECTION N: CORE CURRICULUM MINIMUM ACADEMIC STANDARD (CCMAS) IMPLEMENTATION		
S/N	ITEMS	RESPONSES
138.	Is the department in possession of the approved CCMAS by the NUC?	
139.	Are the requirements in the CCMAS adhered to?	
140.	Are the admission guidelines strictly followed?	
141.	State the staff/student ratio of the department	
SECTION O: ENVIRONMENTAL HEALTH SERVICES		
S/N	ITEMS	RESPONSES
142.	Is there an Environmental Health services unit in the Institution	
143.	Are there adequate waste collection facilities	
144.	If yes, how often is the waste disposed	
145.	Is the waste collection service provider registered with EHORECON	
146.	Is there provision for pest and vector control services	
147.	Is the pest and vector control service provider registered with EHORECON	
148.	Is there provision for cleaning services	
149.	Is the cleaning service provider registered with EHORECON	
150.	Is there provision for horticultural services	
151.	Is your premises (Institution) certified for habitation and use by an Environmental Health Officer?	
152.	If yes, attach evidence	
SECTION Q: ENTREPRENEURSHIP IN ENVIRONMENTAL HEALTH		RESPONSES
153.	Is there entrepreneurship programme in environmental health?	
154.	Is there a designated coordinator for the programme	

155.	Are there records of students' participation? (attach evidence)	
156.	Mention the areas of entrepreneurship available for the programme e.g pest control, waste management, sewage management, air quality control, composting, recycling,	
157.	Are there samples of products	
SECTION P: MISCELLANEOUS		
S/N	ITEMS	RESPONSES
158.	Is there public power supply to the institution?	
159.	Is there an alternative power supply in the institution available for the programme?	
160.	If yes, state the type and capacity.	
161.	Is there adequate water supply in the institution?	
162.	If yes, state the source	
163.	Is there a Sick Bay/Clinic on campus for the use of students and staff?	
164.	Is there provision for staff development?	
165.	Describe the policy and practice for such development?	
166.	Are students indexed with the Environmental Health Officers Registration Council of Nigeria?	
167.	Are there Environmental Health/related clubs and societies in the institution	
168.	Is there guidance and counselling unit in the institution?	
169.	Are there recreational facilities in the institution	
170.	If yes state the recreational facilities available	
171.	Does the institution have perimeter fence	
172.	Is there a security post in the institution	
173.	Is there provision for security personnel in the institution?	
174.	Are there adequate fire safety gadgets such as fire extinguishers, fire alarm, smoke detectors etc in the institution	
175.	If yes, are they functional	
176.	Does the institution have good access road	
177.	Are there good road network within the institution	
178.	Is there visible directional sign post to the institution	
179.	Is the institution sited within area of communication network coverage	
180.	Is there provision for transportation services for staff and students	
181.	Is there cafeteria services in the institution	

Data on Teaching staff involved in the programme

(Add additional pages if needed)

S/N	Name	Designation	Date of appointment	Last promotion	Full/Part time	Qualification(s)	Specialization	Practice Licence Number	Course(s) Taught	Total Teaching Hour per week	Publication(s) name of journal and date of publication	Papers presented	Number of projects supervised in the last five years	Other responsibilities	Remarks

Data on Technical staff involved in the programme

(Add additional pages if needed)

S/N	Name	Designation	Full/Part time	Qualification	Practice licence(where applicable)	Courses of instruction	Total practical Hour(s)/ week	Other responsibilities	Remarks

Data on Non-Teaching staff involved in the programme

(Add additional pages if needed)

S/N	Name	Designation	Full/Part time	Qualification	Type of service rendered	Professional registration (where applicable)	Other responsibilities	Remarks

TABLE I: GENERAL LABORATORY

S/No	Equipment & Materials	Quantity Required	Quantity available	Quantity functional	Remarks
1	Pipette Rack (<i>Plastic</i>)	5pcs			
2	Pipette Rack (<i>Wooden</i>)	5pcs			
3	Glass Pipettes (<i>1ml vol.</i>)	10pcs			
4	Glass Pipettes (<i>2ml vol.</i>)	10pcs			
5	Glass Pipettes (<i>5ml vol.</i>)	10pcs			
6	Glass Pipettes (<i>10ml vol.</i>)	10pcs			
7	Automatic Micro-Pipette (<i>0 to 100μl</i>)	3pcs			
8	Automatic Micro-Pipette (<i>100 to 1000 μl</i>)	3pcs			
9	Test tube Racks (<i>stainless for 10ml tubes</i>)	100pcs			
10	Test tube Racks (<i>stainless for 20ml tubes</i>)	100pcs			
11	Test tubes (<i>10ml</i>)	100pcs			
12	Test tubes (<i>20ml</i>)	100pcs			
13	Beakers (<i>50ml vol.</i>)	10pcs			
14	Beakers (<i>100ml vol.</i>)	10pcs			
15	Beakers (<i>250ml vol.</i>)	10pcs			
16	Beakers (<i>500ml vol.</i>)	10pcs			
17	Beakers (<i>1000ml vol.</i>)	10pcs			
18	Conical flasks (<i>50ml vol.</i>)	10pcs			
19	Conical flasks (<i>100ml vol.</i>)	10pcs			
20	Conical flasks (<i>250ml vol.</i>)	10pcs			
21	Conical flasks (<i>500ml vol.</i>)	10pcs			
22	Conical flasks (<i>1000ml vol.</i>)	10pcs			
23	Cylinders (<i>50ml vol.</i>)	10pcs			
24	Cylinders (<i>100ml vol.</i>)	10pcs			
25	Cylinders (<i>250ml vol.</i>)	10pcs			
26	Cylinders (<i>500ml vol.</i>)	10pcs			
27	Cylinders (<i>1000ml vol.</i>)	10pcs			
28	Flat bottom flasks (<i>50ml vol.</i>)	10pcs			
29	Flat bottom flasks (<i>100ml vol.</i>)	10pcs			
30	Flat bottom flasks (<i>250ml vol.</i>)	10pcs			
31	Flat bottom flasks (<i>500ml vol.</i>)	10pcs			
32	Flat bottom flasks (<i>1000ml vol.</i>)	10pcs			
33	Centrifuges tubes	100pcs			
34	Pasteur pipette (<i>glass</i>)	100pcs			
35	Pasteur pipette (<i>plastic</i>)	100pcs			
36	Urinometer	10pcs			
37	Thermometer	10pcs			
38	Reagent and Dispensing bottles (<i>100ml vol.</i>)	10pcs			

39	Reagent and Dispensing bottles (250ml vol.)	10pcs			
40	Reagent and Dispensing bottles (500ml vol.)	10pcs			
41	Reagent and Dispensing bottles (1000ml vol.)	10pcs			
42	pH meter	4pcs			
43	Centrifuge (<i>12 buckets model</i>)	3pcs			
44	Refrigerator (<i>2 doors</i>)	1 pc			
45	Deep freezer (<i>medium</i>)	1 pc			
46	Hot Air Oven	1pc			
47	Spectrophotometer	1pc			
48	Colorimeter	1 pc			
49	Water distiller	1pc			
50	Incubator	1pc			
51	Chemistry Semi Auto-Analyser	1pc			
52	Hot plate heater	2pcs			
53	Wooden or stainless test tube clamps	25pcs			
54	Wooden or stainless test tube clamps	25pcs			
55	Water bath	3pcs			
56	Fume chamber	1pc			
57	Electrophoretic Tanks (<i>Shandon model</i>)	2pcs			
58	Electronic weighing balance (Top load)	2pcs			
59	Hematological Analyser	1pc			
60	Thermostat oven	1pc			
61	Fume cupboard	2pcs			
62	Magnetic hot plate	1pc			
63	Temperature control oven	1pc			
64	Heating mantle	1pc			
65	Hot plate	1pc			
66	Binocular Microscope	20pcs			
67	Camera Microscope	1pc			
68	Teaching Microscope	2pc			
69	Reverse Transcription-Polymerase Chain Reaction (RT-PCR) Machine	1pc			
70	UV Spectrophotometer	1pc			
71	VIS Spectrophotometer	1pc			

72	Colorimeter (Hand held)	1pc			
73	Autoclave	1pc			
74	Dessicators	1pc			
75	Rotators	1pc			
76	De-ionizer	1pc			
77	Distiller machine	1pc			
78	Hood fume cabinet	1pc			
79	Laminar flow hoods	1pc			
80	Atomic Absorption Spectrophotometer (AAS)	1pc			
81	Light meters and Luminance meters	5pcs			
82	Anemometers	5pcs			
84	Manometers	4pcs			
85	Flow meters	5pcs			
86	Burnsen burner	10pcs			

TABLE II: FOOD AND WATER LABORATORY

S/No	Equipment & Materials	Quantity Required	Quantity available	Quantity functional	Remarks
1	Binocular Microscope	20pcs			
2	Fluorescence Microscope	1pc			
3	Digital Microscope	2pcs			
4	Magnifying Lens	10pcs			
5	Centrifuge	2pcs			
6	UV Spectrophotometer	1pc			
7	Industrial centrifuge	1pc			
8	Incubator	5pcs			
9	Anaerobic Culture Jars	5pcs			
10	Mettler Balance	2pcs			
11	Autoclaves	2pcs			
12	Water Bath	2pcs			
13	Hot air Oven	2pcs			
14	Bunsen burner	15pcs			
15	Refrigerators	1pc			
16	Freezers	1pc			
17	Chemical Balance	2pcs			
18	Glass wares	Assorted & various sizes			
19	Food probes Thermometer	Assorted & various sizes			
20	Millipore membrane apparatus	3pcs			
21	pH meter	5pcs			
22	Turbidity meter	3pcs			
23	Conductivity meter	3pcs			
24	Water testing kits	Assorted			

25	Refractometer	5pcs			
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TABLE III: AIR QUALITY, NOISE AND RADIATION LABORATORY

S/No	Equipment & Materials	Quantity Required	Quantity available	Quantity functional	Remarks
1	Soundlevel Meter	5pcs			
2	Air Quality Monitors (Crowcon Gasman CO ₂ Monitor)	5pcs			
3	Dust detector	6pcs			
4	Air Samplers - Gas metres (CO; CO ₂ ; SO ₂ ; NO ₂ ; O ₃ ; NH ₃ etc Particulate Matter Samplers (TSP; PM ₁₀ ; PM _{2.5} ; PM _{0.1} ; Nano particles	5pcs			
5	Ozone monitor	5pcs			
6	Portable met station				
7	Radiation monitors	3pcs			
8	Flame Ionization detector (FID)	3pcs			
9	Global Position Systems (GPS)	3pcs			
10	Gas chromatography	1pc			
11	High powered Liquid Chromatography	1			
12	Atomic Absorption Spectrophotometre	1			
13	Inductively-coupled plasma Spectrophotometre	1			
14	Toxic gas meters	1pc			
15	Combustible Gas and Oxygen meters	1pc			
16	Infrared Analyzers	1pc			
17	Isocyanate monitors	2pcs			
18	Heat stress monitor	3pcs			
19	Volatile Organic Compounds Monitors (VOCs)	3pcs			
20	Carboxy-hemoglobin sampler	3pcs			
21	Spirometer	5pcs			
22	Audiometer	5pcs			
23	Adenosine Triphosphate Metre	1pcs			
24	Lux Metre	10pcs			

TABLE IV: PUBLIC HEALTH ENTOMOLOGY AND ARBOVIRUS LABORATORY

S/No	Equipment & Materials	Quantity Required	Quantity available	Quantity functional	Remarks
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1	Teaching Microscope	3pcs			
2	Dissecting kit	5pcs			
3	Dissecting blade	5pcs			
4	Dissecting needle	10pcs			
5	Camera Microscope	2pcs			
6	Refrigerator	1pc			
7	Freezer	1pc			
8	PCR Machine	1pc			
9	Autoclave	2pcs			
10	Shaker water bath	1pc			
11	pH meter	1pc			
12	Fluorescent Microscope with camera	1pc			
13	Inverted light Microscope	1pc			
14	Micropipettes	10pcs			
15	Multi-channel pipettes	10pcs			
16	Electronic balance for weighing chemicals	2pc			
17	Glasswares	Assorted			
18	Water distiller	1pc			
19	Hot Air oven	1pc			
20	Reagents and Supplies	Assorted			
21	Ultra Centrifuge	1pc			
22	Elisa Reader	1pc			
23	Gel electrophoresis Apparatus	1pc			
24	Magnetic Stirrer	1pc			
24	Vortex Mixer	1pc			

TABLE V: ENVIRONMENTAL EPIDEMIOLOGY AND TOXICOLOGY LABORATORY

S/No	Equipment & Materials	Quantity Required	Quantity available	Quantity functional	Remarks
1	Spectrophotometer	1			
2	Waterproof Plywood	3			

3	Inoculation Chamber Economy	2			
4	Beehive, Breeding chamber	1			
5	Nest For Chrysopa,	2			
6	Breeding Nest For Flies	2			
7	Brown Plant Hopper Insect Rearing Cage	5			
8	Rat Cage	5			
9	Mosquito Nest	5			
10	Box for Glass Specimen Tubes	5			
11	Insect Setting Block	5			
12	Entomological Pin Storage Block	10			
13	Plankton Net	5			
14	Dissecting Microscope	3			
15	Teaching Microscope	1			
16	Camera Microscope	1			
17	Aspira	2			
18	Beating net	4			
19	Bottle trap for insects	3			
20	Butterfly net	3			
21	Electrical penetration graph	2			
22	Malaise trap	2			
23	Euparal	3			
24	Entomological equipment for mounting and storage	3			
25	Flight interception trap	3			
26	Insect trap	3			
27	Killing jar	3			
28	Leaf litter sieve	3			
29	Lill pin	3			
30	Moth trap	3			
31	Pheromone trap	3			
32	Pitfall trap	3			
33	Corcyra Cage	3			

TABLE VI: ENVIRONMENTAL HEALTH MUSEUM

S/N	Description of items	Quantity Required	Quantity available	Quantity functional	Remarks
1.	Sweep net	5pcs			
2.	Insect boxes	5pcs			

3.	Specimen bottles	5pcs			
4.	Magnifying glass	5pcs			
5.	Trap nets	5pcs			
6.	Lamps	5pcs			
7.	Sticky traps	5pcs			
8.	Sampling knives	5pcs			
9.	Specimen cage	5pcs			
10.	Cage traps	5pcs			
11.	Back-break traps	Assorted			
12.	Wooden/metallic insect traps	5pcs			
13.	Working table wall chart of insects	5pcs			
14.	Mollusc, aves, rodents, etc	Assorted			
15.	Insect displaying boards	Assorted			
16.	Scalpels	Assorted			
17.	Kidney dish	5pcs			
18.	Empty/expired vaccine vials	Assorted			
19.	Steam sterilizer	Assorted			
20.	Vaccines	Assorted			
21.	Vaccine carrier	Assorted			
22.	Needles and syringes	Assorted			
23.	Immunization charts	Assorted			
24.	Hand gloves of different sizes	Assorted			
25.	Flip chart	Assorted			
26.	Phantom	1pc			
27.	Candle filter	Assorted			
28.	Doll	Assorted			
29.	Sphygmomanometer	Assorted			
30.	Pneumatic sprayer	2pcs			
31.	Motorized sprayer	1pc			
32.	Electrodyne sprayer	1pc			
33.	Handy sprayer (flit gun)	5pcs			
34.	Knapsack sprayers (CP30)	2pcs			
35.	Knapsack sprayer (CP15)	2pcs			
36.	Stethoscope	Assorted			

37.	Anatomical charts/model	Assorted			
38	Skeleton model	2pcs			
39.	Filtration pot	2pcs			
40.	Insecticide pan	5pcs			
41.	Parasitology specimen	Assorted			
42.	Food samples (grains/legumes/leaves)	Assorted			
43.	Overhead projector	1pc			
44.	Canned foods	Assorted			
45.	ORT kit	Assorted			
46	Weighing scale	2pcs			
47.	Forceps	2pcs			
48.	Scissors	2pcs			
49	Fogging machine	2pcs			
50	Fire extinguisher	Assorted			
51.	Chamber land filter	3pcs			
52.	Measuring ruler	Assorted			
53.	Posters	Assorted			
54.	Human skull model	Assorted			
55.	Pelvic girdle model	Assorted			
56.	Skull model	Assorted			
57.	Heart model	Assorted			
58.	Eye model	Assorted			
59.	Kidney model	Assorted			
60.	Ear model	Assorted			
61.	Baton electrical insect killer	Assorted			
62.	Electrical insect trap	Assorted			
63.	Pressurized sprayer	Assorted			
64.	Formalin Preserved Pests	Assorted			
65.	Safety wears – goggle, boots, coverall, etc	Assorted			
66.	Face masks	Assorted			
67.	Monocular microscope	1pc			
68.	Glass lens	Assorted			
69.	Pesticides – Organochlorines, Organophosphates,	Assorted			

	Carbamates, Pyrethroids, etc				
70.	Inoculation set	Assorted			
71.	Roof models/charts	5pcs			
72.	Life cycle charts	Assorted			
73.	Samples of ABN	Assorted			
74..	Environmental Sanitation Forms ES ₁ -ES ₁₅	Assorted			
75.	Quadrants	Assorted			
76.	Bed nets	Assorted			
77.	Door and window screen	5pcs			
78.	Photographs of pioneers of Environmental Health (National and International)	Assorted			
79.	Banned and Unbanned Insecticides	Assorted			
80.	Sanitary hard wares – water closet	5pcs			
81.	Building plans	Assorted			
82.	Charts showing Rural huts and modern houses	Assorted			
83.	Torch light	Assorted			
84.	Search light	Assorted			
85.	Measuring tapes	Assorted			
86.	Buckets (metals and plastics)	Assorted			
87.	Funnels	Assorted			
88.	Insecticide Treated Nets	Assorted			
90.	Steam Sterilizer	2pcs			
91.	Needles and syringes	Assorted			

TABLE VII: AUDIO-VISUALSTUDIO

S/N	Description of items	Quantity Required	Quantity available	Quantity functional	Remarks
1.	Video player/VCD	1pc			
2	Slide projector	1pc			
3.	Overhead projector	1pc			
4	Film projector	1pc			

5	Magnetic board	1pc			
6	Public address system	1pc			
7.	Television set (minimum of 42")	1pc			
8.	Cameras (video cameras)	1pc			
9.	LCD (Power Point Projector)	1pc			
10.	Audio tape recorder	3pcs			
11.	Map	Assorted			
12	USB Memory Disk	5pcs			
13	Memory Chips	5pcs			

TABLE VIII: PRACTICE/DEMONSTRATION SITE

S/N	Description of items	Quantity Required	Quantity available	Quantity functional	Remarks
1.	House-hold composter	1pc			
2.	Model of chemical closet	1pc			
3.	Model of incinerators	1pc			
4.	Brick models for brick making	1pc			
5.	Models of bonding	1pc			
6.	Damp-proof courses	1pc			
7.	Footings/Foundation	1pc			
8.	Conventional Water Treatment System	1pc			
9.	Conventional Sewage Treatment System	1pc			
10.	Slaughter slab	1pc			
11.	Composting pit (Wilson)	1pc			
12.	Composting pit (Indoor process)	1pc			
13.	Steamer (Formite disinfection)	1pc			
14.	VIP Latrine (multiple compartment)	1pc			

15.	VIP Laterine (single compartment)	1pc			
16	Pit Latrine	1pc			
17.	Water closet	1pc			
18.	Biogas digester	1pc			
19.	Types of housing	1pc			
20.	Waste segregation chambers	1pc			
21.	Bar incinerator	1pc			
22.	Ventilation openings (Types)	1pc			
23.	Septic tank/Soak-away pit	1pc			
24.	Water collection centre	1pc			
25	House Roof Models	5pcs			

TABLE IX: TECHNICAL DRAWING STUDIO

S/N	Description of items	Quantity Required	Quantity available	Quantity functional	Remarks
1.	Table for drawing	25pcs			
2.	Water colour	10pcs			
3.	Drawing pencils	Assorted			
4.	Drawing pens	Assorted			
5.	Display cabinets and boards	2pcs			
6.	Magnetic board	2pcs			
7.	T-square	25pcs			
8.	Ruler	25pcs			
9.	Markers	Assorted			
10.	Drawing set	Assorted			
11.	French curve	25pcs			
12.	Compass	25pcs			
13.	Protractor	25pcs			
14.	Set square	25pcs			
15.	Pair of divider	25pcs			
16.	Fastener	Assorted			

3.0 SPACE NEEDS OF TEACHING FACILITIES

Office space; laboratory space; workshop space; list of equipment.

S/N	LABORATORY/STUDIO	parameters	comments
1.	<u>GENERAL LABORATORY</u>	Is the dimension equal to lower or higher than 30 m x 15 m	
		Is there provision for prep room	
		Is the lighting equals to lower than or higher than 500 lux	
		Is the ventilation equal to lower than or higher than 5-8 litres per second, per occupant AND/OR VO – 1/6 of floor area	
		Is there adequate provision for toilet and wash hand facility	
2.	<u>FOOD AND WATER LABORATORY</u>	Is the dimension equal to lower or higher than 15 m x 10 m	
		Are there provision for 2 prep rooms	
		Is the lighting equals to lower than or higher than 500 lux	
		Is the ventilation equal to lower than or higher than 5-8 litres per second, per occupant AND/OR VO – 1/6 of floor area	
		Is there adequate provision for toilet and wash hand facility	
3.	<u>AIR QUALITY, NOISE AND RADIATION LABORATORY</u>	Is the dimension equal to lower or higher than 15 m x 10 m	
		is there provision for a prep room	
		Is the lighting equals to lower than or higher than 500 lux	

		Is the ventilation equal to lower than or higher than 5-8 litres per second, per occupant AND/OR VO – 1/6 of floor area	
		Is there adequate provision for toilet and wash hand facility	
4.	<u>PUBLIC HEALTH ENTOMOLOGY & ARBOVIRUS LABORATORY</u>	Is the dimension equal to lower or higher than 15 m x 10 m	
		are there provision for 2 prep rooms	
		Is the lighting equals to lower than or higher than 500 lux	
		Is the ventilation equal to lower than or higher than 5-8 litres per second, per occupant AND/OR VO – 1/6 of floor area	
		Is there adequate provision for toilet and wash hand facility	
5.	ENVIRONMENTAL EPIDEMIOLOGY & TOXICOLOGY LABORATORY	Is the dimension equal to lower or higher than 15 m x 10 m	
		is there provision for a prep room	
		Is the lighting equals to lower than or higher than 400 lux	

		Is the ventilation equal to lower than or higher than 5-8 litres per second, per occupant AND/OR VO – 1/6 of floor area	
		Is there adequate provision for toilet and wash hand facility	
6.	ENVIRONMENTAL HEALTH MUSEUM	Is the dimension equal to lower or higher than 45 m x 20 m	
		is there provision for a prep room	
		Is the lighting equals to lower than or higher than 400 lux	
		Is the ventilation equal to lower than or higher than 5-8 litres per second, per occupant AND/OR VO – 1/6 of floor area	
		Is there adequate provision for toilet and wash hand facility	
7.	AUDIO-VISUALSTUDIO	Is the dimension equal to lower or higher than 10 m x 5 m	
		is there provision for a prep room	
		Is the lighting equals to lower than or higher than 300 lux	

		Is the ventilation equal to lower than or higher than 5-8 litres per second, per occupant AND/OR VO – 1/6 of floor area	
		Is there adequate provision for toilet and wash hand facility	
8.	TECHNICAL DRAWING STUDIO	Is the dimension equal to lower or higher than 10 m x 5 m	
		is there provision for a prep room	
		Is the lighting equals to lower than or higher than 400 lux	
		Is the ventilation equal to lower than or higher than 5-8 litres per second, per occupant AND/OR VO – 1/6 of floor area	
		Is there adequate provision for toilet and wash hand facility	
9.	PRACTICE/DEMONSTRATION SITE(Open Field)	Is the dimension equal to lower or higher than 200 m x 100m	
		is there provision for a prep room	

Note: V.O means ventilation opening

4.0 SIWES/FIELD PRACTICUM AREAS

Bachelor of Environmental health students are expected to undergo practical experiences in urban and rural areas, public and private establishments as follows:

S/N	PRACTICAL AREAS	DURATION	Availability (Yes/No)	Accessibility (Yes/No)	Schedule (Yes/No)
1	Epidemiological Units	1 week			C

2	Health Education Units	1 week			C
3	Water treatment plants	1 week			C
4	Urban LGA	3 weeks			C
5	Rural LGA	2 weeks			C
6	Accredited EHSP outfits	1 week			C
6	EHORECON Headquarters/zonal offices	1 week			C
7	Tertiary, secondary and primary health care facilities	1 week			C
8	Tertiary and secondary educational institutions	1 week			C
9	Private establishments (individual and corporate organizations)	1 week			C
10	Custodial homes and rehabilitation centres)	1 week			C
11	Sewage treatment facilities	1 week			C
12	Hospitality, sport and recreational facilities	1 week			C
13	Ministries, departments and agencies (MDA)	1 week			C
14	Port health services (air, sea and land borders)	1 week			C
15	Agricultural processing companies (including livestock)	1 week			C
16	Estate facilities and management companies	1 week			C
17	Rail and road transport facilities	1 week			C
18	Energy and power plants	1 week			C

19	Ministry of Works, housing and urban development (Town planning office)	1 week			C
20	Weather and meteorological facilities	1 week			C
21	Environmental Impact Assessment Consulting Firms	1 week			C
22	Process Industries	1 week			C
23	Food-vending establishments (Restaurants, Eateries etc)	1 week			C

NOTE: areas need to be congregated into 4 or 5 areas to enable students spend at least 4 weeks in a place.

Endorsement Page

Name of Head of Department:

Rank:

Signature & Date:

Official stamp:

Name of Head of Institution:

Signature & Date:

Official stamp:

For Office Use Only

Checked by:-----

Sign:

Date

Performance rating

Programme Evaluation Report	Obtained score	Maximum	percentage	Remarks
1-64				
65				
66				
67				
68				
Total				

Analysed by:

Name:

Sign:

Date:

Decision: (select)

1. Proceed on Facility/ Resource Assessment Visit
- or
2. Decline Facility/ Resource Assessment Visit

Name:

Sign:

Date: