



West African Health Organisation  
Organisation Ouest Africaine de la Santé  
Organizaç o Oeste Africana da Saude

## HARMONIZED CURRICULUM FOR THE TRAINING OF COMMUNITY HEALTH WORKERS IN ECOWAS REGION

CURRICULUM HARMONISE POUR LA FORMATION EN  
SANTE COMMUNAUTAIRE DE L'ESPACE CEDEAO

CURRICULUM HARMONIZADO DE FORMAÇ O EM SA DE  
COMUNIT RIA DO ESPAÇO CEDEAO



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## **FOREWORD**

The West African Health Organisation (WAHO) is the Specialised Health Institution of the Economic Community of West African States (ECOWAS) with the sole responsibility to provide leadership in all health care matters in the region.

The mission of the West African Health Organisation is the attainment of the highest possible standard and promotion of health of the peoples in the sub-region through the harmonisation of the policies of Member States, pooling of resources, cooperation with one another and with others for a collective and strategic combat against the health problems of the sub-region.



To facilitate education of health professionals that is responsive to essential health problems, as well as availability and mobility of Human Resources for Health in the ECOWAS sub region, the following resolutions and protocols were put in place by the Heads of States and Governments of ECOWAS to promote the rationale and basis for curriculum harmonization and to ensure its implementation:

1. ECOWAS Protocol A/P3/1/03/Dakar Convention 2003 A/C.1/1/03 on recognition of equivalence of diplomas, certificates and other qualifications in ECOWAS Educational Institutions.
2. Adoption of a Resolution on Harmonization of Curricula in ECOWAS by the 7th Assembly of Health Ministers (AHM) in July 2006 (Abuja)
3. Adoption of a Resolution on Motivation and Retention of Human Resources for Health HRH by Assembly of ECOWAS Health Ministers in 2009 at Yamoussoukro, Cote D'Ivoire.
4. The 2009-2013 second strategic and operational plan of WAHO required that a competence based curriculum should be developed/harmonized for the training of the different categories of Health Professionals in ECOWAS region.

Consequent upon the foregoing the harmonization facilitated by WAHO in the region includes the training and practice of all health professions including Community Health which is categorized under the Allied Health Professions. The efforts of every health professional, the academia and others who have contributed in one way or the other to ensuring the successful execution of this laudable objective are well commended.

It is therefore our belief that this document will serve as a veritable tool for universities and training institutions and serve as a platform to enhance the mobility of our health professionals across countries in the ECOWAS region, thus promoting the delivery of effective preventive and curative health care services to the ECOWAS people by well skilled personnel. It will also enable us fast track the achievement of the health related Millennium Development Goals by the target year of 2015 and beyond.

**Dr Xavier CRESPIN**  
**Directeur Général**



## **BACKGROUND**

### **1.0 COMMUNITY HEALTH**

Community Health is the branch of Medicine which is concerned with the health of the whole population and the prevention and treatment of diseases from which it suffers. This is carried out through community diagnosis, conducting baseline survey, collecting of baseline data and situation analysis. The concept of community health encompasses the three levels of health development scenarios: individual health, family health and the health of the community. This is the approach recommended by the World Health Organization (WHO) for addressing basic and essential health challenges in developed and developing countries to ensure a reduction in infant and maternal morbidity and mortality rate, disease burden as well as social justice.

### **2.0 PHILOSOPHY**

This programme is geared towards providing the necessary manpower for quality and effective health service delivery to member states of the ECOWAS Region for quality and effective service delivery through Community Health Practice. It is envisaged that the course will produce graduates with a broad based scientific, and professional knowledge- and sound understanding of community health and primary health care issues as practiced in the ECOWAS region and globally.

### **3.0 OBJECTIVES**

By the end of this programme students should be able to do the following:

1. Have sound broad based scientific and professional knowledge and skills required for community health practice.
2. Identify factors in the society that affect mobilization, participation and inter-sectoral approach to health care.
3. Describe and apply the means of preventing and controlling the effects of environmental (water, air, soil and food) contamination on the individual, family, community and public health at the local, state and national levels.
4. Communicate effectively with the individual, family, community, public and professionals regarding health, healthy living and public health impacts and associated challenges related to personal and community health promotion and disease prevention.
5. Use the approved treatment protocols to effectively treat and manage common health conditions appropriately.
6. Acquire research competencies and undertake researches aimed at solving health problems.
7. Assume high level managerial and leadership role in primary health care.
8. Become high level community health practitioners

### **3.1 PROGRAMME OBJECTIVES**

The overall objective of the Bachelor of Community Health Science (B.CHS) Degree programme is to contribute toward the improvement of the individual, family and community health and to achieve the attitude of healthy living and quality of life in the ECOWAS sub-region towards self-reliance. It is therefore expected that at the end of the course, a community health graduate should have acquired the knowledge, skills and attitudes to achieve the following specific cognitive, psychomotor and affective objectives among others.

#### **3.1.1 COGNITIVE OBJECTIVE;**

1. To describe and apply the scientific principles involved in health promotion and disease prevention.
2. To identify the effective communication and group dynamic processes necessary for effective

behavioural changes in the people.

3. To describe the steps and levels in advocacy, Community Diagnosis and Community Mobilization toward identifying community health problems in a community.
4. To describe in details the steps in planning and implementing an appropriate community health programme aimed at solving those problems identified, and according to priority.
5. To describe in details the list of the common communicable diseases in the country, their mode of transmission and identify the various methods of controlling (biological, physical and psychological and social) these diseases.
6. To describe in detail the list of the common non-communicable and chronic diseases in the country and their risk factors and identify the various methods of controlling ( biological, physical, psychological and social) these diseases.
7. To describe in details the normal structures, function and malfunctioning of the body.
8. To describe the determinants and dynamics of diseases distribution in human population.
9. To describe the concept of health and health care system and the basic concepts, principles and approaches of the Primary Health Care system.
10. To describe the dynamics of human behaviour towards adjusting to situations.
11. To describe the relationship between sociology and medical sciences in the health care systems in the Sub-region.
12. To describe and apply economic approaches in planning and improving health care services in the community
13. To describe the basic concepts and methods of research in the area of health care system
14. To describe the methods of protecting the environment and providing potable water to achieve good health in the community.
15. To describe the management of essential drugs and drug revolving fund.
16. To describe the system of developing an efficient and responsive system that would provide information necessary for planning, management and operation of community based health care activities in the community.
17. To describe the management processes for community based health care.
18. To describe the concept of personnel development vis-à-vis on the Job training.
19. To describe in detail the classes of food, the importance of adequate nutrition and food security.
20. To recognize accidents and emergencies for immediate management and referral.

### **3.1.2 PSYCHOMOTOR OBJECTIVE;**

1. To use the approved treatment protocols effectively and to teach the lower cadres its use in the management and referral of common conditions in the community.
2. To design and implement health education and health promotion activities in the community
3. To provide safe motherhood and birth control and deal with common problems of the adolescent.
4. To ensure the physical mental and social well-being of the children in the community, and to provide effective school health service.
5. To improve the quality of life of the aged.
6. To detect, identify, manage and control oral, eye and ENT conditions using the approved treatment protocols.
7. To initiate and undertake actions towards preventing handicapping conditions and to improve the quality of life of the Atypical (handicapped).
8. To use the nutritional assessment methods to detect and manage nutritional diseases in the community and to promote food demonstration practicals
9. To operate a simple accounting system for the health service.
10. To identify, manage and control; occupational hazards and diseases in the work environment.
11. To conduct outreach services and identify cases for prompt referrals.

12. To initiate and undertake actions capable of promoting health, preventing diseases and prolonging life.
13. To write a full report based on the data collected during community diagnosis for appropriate intervention.
14. To carryout various clinical procedures and activities to enhance effective health care delivery.
15. To carryout community advocacy, mobilization, diagnosis and situation analysis for appropriate community health action.
16. To manage resources adequately and perform required administrative functions.
17. To recognize an epidemic and design appropriate management strategy for its control.
18. To ensure the promotion of mental well-being, prevention of mental disorders, early diagnosis and rehabilitation of the mentally ill in the community.

### **3.1.3 AFFECTIVE OBJECTIVES**

1. To demonstrate an attitude that places priority on team work, accepting and performing leadership and followership role with equal effectiveness.
2. To demonstrate an attitude of sustained zeal and professionalism towards the health of the nations and so continually seek self education and improved effectiveness.
3. To demonstrate an attitude of scientific enquiry in relation to every aspect of the professional activity.
4. To demonstrate an attitude of proficiency in the various skills involved in community health practice
5. To demonstrate an attitude of a sound health practitioner- client relationship, health practitioner- other health professional relationship, health practitioner - community relationship and never be found wanting.

## **4.0 THE ROLES AND FUNCTIONS OF GRADUATES OF THE PROGRAMME**

While graduate employment opportunities will be varied and would include, among others, employment by governmental agencies as well as non-governmental organizations; graduates of the Bachelor of Community Health Science (B.CHS) degree programme will be adequately prepared to perform the following roles and functions.

### **4.1 COMMUNITY BASED FUNCTIONS**

- 4.1.1 Explain to the community the PHC approach of the health system and his/her roles as a member of the health team to link the community with the health care system.
- 4.1.2 Carry out community mobilization.
  - 4.1.2.1 Support and co-ordinate the efforts of other Community Health Workers in contacting the communities.
  - 4.1.2.2 Familiarize self with target population and health services available within the community.
  - 4.1.2.3 Ensure the formation and effective functioning of village health committees in the community.
  - 4.1.2.4 Participate in development and health committees meetings.
  - 4.1.2.5 Participate in primary health care house-numbering, placement of home-based records and complete clinic master card within target population.
  - 4.1.2.6 Ensure updating of the house numbering, home-based records, placement and completion of clinic master cards.
- 4.1.3 Ensure the initiation and participation of the community and other health workers in carrying out initial community diagnosis and continuous health needs assessment of the community including areas related to provision of good roads, good water supply, education, agriculture, etc).
  - 4.1.3.1 Direct and participate in carrying out general community survey to identify:
    - a. Social characteristics of the community
    - b. Demographic and geographical features of the community

c. Resources available within the community including alternative healthcare services.

- 4.1.3.2 Direct and participate in identifying major health problems of the community.
- 4.1.3.3 Direct and participate in the analysis of data collected and be able to propose meaningful interventions.
- 4.1.3.4 Discuss with the community and other health workers the results of the need assessment survey.
- 4.1.3.5 Participate in periodic health education campaign on relevant topics.
- 4.1.3.6 Initiate appropriate effective intersectoral collaboration to improve food production in the community.
- 4.1.3.7 Ensure appropriate education on water purification and environmental health.
- 4.1.3.8 Direct and ensure adequate community-based interventions to provide safe water supply and environmental sanitation.
- 4.1.3.9 Prevention and control of locally endemic diseases.
- 4.1.3.10 Ensure rehabilitation of the mentally ill in the community.
- 4.1.3.11 Ensure the appropriate education of the community on the causes and preventions of oral health problems.
- 4.1.3.12 Enlighten the community on gender issues in Reproductive Health.
- 4.1.3.13 Carry out basic research activities in the community

## **4.2 CLINIC BASED FUNCTIONS**

- 4.2.1 Ensure the provision of integrated Primary Health Care (PHC) services.
  - 4.2.1.1 Periodically review the topics of health education talks with a view to ensuring accuracy of information, relevance of topics and appropriateness of methods and languages, etc.
  - 4.2.1.2 Consider the nutritional status of clients in the community and the clinic:
    - a. Develop appropriate nutrition intervention programme.
    - b. Ensure nutritional assessment procedures and record keeping are carried out in the clinic.
    - c. Ensure appropriate feedback on nutritional status to mothers.
  - 4.2.1.3 Ensure effective antenatal care in pregnancy, safe delivery and efficient postnatal care, and family planning services.
  - 4.2.1.4 Ensure appropriate screening and counselling.
  - 4.2.1.5 Ensure the operation of Youth Friendly Clinic.
  - 4.2.1.6 Ensure the provision of effective immunization services in the clinic including management of the logistics and effective maintenance of the cold chain system.
  - 4.2.1.7 Appropriate treatment of common diseases and injuries according to approved Treatment protocols .
  - 4.2.1.8 Ensure the maintenance of constant supply of Essential drugs to the target population.
  - 4.2.1.9 Ensure appropriate education on different causes and prevention of mental illnesses.
  - 4.2.1.10 Attend to referrals made by other clinic staff using the approved Treatment Protocols .
  - 4.2.1.11 Initiate and support other community health workers' efforts in Health education.

## **4.3 ADMINISTRATIVE FUNCTIONS**

- 4.3.1 Initiate, direct and work with community and staff to plan solutions to identified health problems.
  - 4.3.1.1 Prioritize identified health problems
  - 4.3.1.2 Identify workable solutions
  - 4.3.1.3 Set coverage objectives (targets)
  - 4.3.1.4 Seek for additional resources to solve the health problems.
  - 4.3.1.5 Prepare budget for the implementation of the plan.
- 4.3.2 Ensure preparation of and co-ordinate schedule of activities to tackle prioritized health problems.

- 4.3.3 Develop an annual work plan with the approval of the PHC Co-coordinator/Director.
- 4.3.4 Ensure that the plans are implemented.
- 4.3.5 Carry out the day-to-day administration of health services in the target population.
- 4.3.6 Organize and sustain the Essential Drug System and Drug Revolving Fund .
- 4.3.7 Supervise the activities of the other Community Health Workers and support staff.
- 4.3.8 Develop work schedule and Duty Roster for Health facility staff.
- 4.3.9 Develop work schedule for community-based workers
- 4.3.10 Collect and collate monitoring and evaluation data for appropriate health interventions.
- 4.3.11 Keep accurate record of activities and health problems identified within the coverage area and forward same to the next level.
- 4.3.12 Provide guidelines to participate in the activities of the Community Development Committees.
- 4.3.13 Liaise with appropriate government agencies and functionaries to facilitate the effective running of the health services.
- 4.3.14 Organize regular staff meeting to update knowledge and maintain standards.

#### **4.4 TRAINING FUNCTIONS**

- 4.4.1 Identify, direct and conduct training and continuing education for members of the health team, including village health workers/traditional birth attendants and other community members on regular basis (at least once a year).
- 4.4.2 Provide on-the-job training for staff according to identified training needs.
- 4.4.3 Collaborate in the planning implementation and evaluation of training programmes for community health workers, students, Health facility staff and community members.
- 4.4.4 Teach other Community Health workers, health facility staff and students, simple methods of data analysis.
- 4.4.5 Identify people to be trained as community reproductive health promoters.
- 4.4.6 Carry out other duties assigned by the supervising officer.

#### **5.0 GENERAL ADMISSION REQUIREMENTS**

Candidates intending to enter the Bachelor of Community Health Science (B.CHS) must satisfy the University admission requirements. In addition to this, two modes of entry will be available to candidates intending to study Community Health in the University.

At the initial stages, the programme will start with Health professionals who hold Diploma and Higher Diploma in Community Health, and are duly registered and licensed by the appropriate regulatory bodies/councils at the country levels.

#### **6.0 ADMISSION INTO THE PROGRAMME**

Candidates may be admitted into levels 200 and 300 of the programme provided they have the following qualifications:

- (i) Holders of Diploma in Community Health with a minimum of 3 years post qualification working experience, at 200 level.
- (ii) Holders of Higher Diploma in Community Health (where it exists) with a minimum of 3 years post qualification working experience, at 300 level.
- (iii) Holders of University first degrees in recognized health science disciplines, at 300 level.

One (i) and (ii) above must have Five (5) credit passes in not more than two sittings in WASSC, SSCE, GCE, or its equivalent in the following subjects: English Language, Mathematics, Chemistry, Biology or Health Sciences and any of Physics, Geography and Economics.

**6.0.1 Procedures for selection:** Competitive Examination and oral interviews



6.0.2 **Total Duration of Training:** Three (3) to (4) Four Years (6 to 8 Semesters) depending on the point of entry.

6.0.3 Clinical/ Field attachment will take place throughout the entire course duration in proved/suitable health facilities.

6.0.4 Practical & Internship Placement will be in approved Community Based Facilities between 8-12 months duration after the university qualifying examinations.

**System of Practical placement: (70% Community based and 30% Health facility based).**

## **7.0 Registration of Students with the Regulatory Council**

The Faculty hosting the Bachelor of Community Health Science (B.CHS) is expected to register the students **within the first year** of admission with the countries' regulatory body. *This is for the purpose of indexing.* The registration is recognized as the effective date of commencement of the course and it also determines when the student is due for the first and final Council Professional Examinations

### **8.0 Domicile Faculty/ Department to run the Programme**

The programme may be domiciled in a health science or science related faculty or institute of a recognized University. Any university intending to run the B.CHS. programme is expected to establish a separate department to run the programme.

### **9.0 Professional / Licensure Examination**

This will be conducted by the appropriate Registration Board or Council for Community Health Practitioners at the country level, Students will write the professional examination alongside other University at the first and last semester of 400 Level.

### **Format of Professional Examination:**

Final Professional Examination consists of:

Practical Examination (OSCE) 50 marks

Theory Paper (including MCQs) 30marks

Oral Examination **20** marks.

### **10.0 CERTIFICATE AWARDED:** Bachelor of Community Health Science Degree (B.CHS)

### **11.0 Regulations Governing the Award of the Degree**

#### **11.0.1 Course evaluation/Continuous Assessment**

A minimum of 75% attendance to classes of registered courses is required for a student's admission into the relevant examination hall. Examination grades for each course (except first and final professionals) comprise 30% for continuous assessment and 70% for end of semester examination. A letter grade and numerical points shall be awarded each student based on his/her total scores on all the evaluation criteria.

### 11.0.2 Probation and Withdrawals

If a student fails more than five courses at the end of a particular year, such a student earns a period of probation by repeating the class and all the courses for that year. If the student still fails more than five courses in the probation year such a student will be advised to withdraw or change programme.

### 11.0.2 Carry-over Courses/Student Work Load

Minimum credit per semester is 18 credit units while the maximum is 24 credit units as may be approved by Senate of the University. A repeating final year student may be allowed to register the failed courses ONLY i.e. less than the recommended minimum number of courses per semester.

A student shall qualify for the award of a degree when he/she has:

- (a) Completed and passed all the courses he/she registered for including all compulsory courses and such elective courses as may be specified by the University/Faculty.
- (b) Earned minimum credit required for graduating from the programme based on the grading stated below.

**Please note that all courses are compulsory for the programme up to final year.**

### Interpretation of Degree Grading:

#### Grading

SN	Percentage Score	Letter Grade	Grade Point
1	75% - 100%	A	3.5 - 4.0
2	70% - 74%	B	3.0 - 3.49
3	60% - 69%	C	2.5 - 2.99
4	50% - 59%	D	2.0 - 2.49
5	Less than 50%	E	< 2.0

#### Classification of Degree

GPA	Class of Diploma
3.5 – 4.0	Distinction
3.0 – 3.49	Upper Credit
2.5– 2.99	Lower Credit
2.0 – 2.49	Pass
0.00-1.99	Fail

## PROGRAMME OUTLINE

### 200 LEVEL - FIRST SEMESTER

COURSE CODE	COURSE TITLE	DURATION	T	P	CREDIT/ UNITS
ANA 101	Anatomy I ( <b>University's Specific</b> )	30 hours	15	15	2
PHS 101	Physiology I ( <b>University's Specific</b> )	30 hours	15	15	2
GNS 101	Peoples and Cultures ( <b>University's Specific</b> )	30 hours	15		2
CHS 205	Applied Field Epidemiology	30 hours	15	15	2
CHS 207	Introduction to Biostatistics	30 hours	30		2
CHS 209	Introduction to Demography	30 hours	30		2
CHS 211	Introduction to Primary Health Care	30hours	15	15	2
CHS 213	Community Health Practice and Professional Ethics	30 hours	30		2
CHS 215	Community Mobilization and Participation	30 hours	15	15	2
GNS 102	Logic and Creative Thinking ( <b>University's Specific</b> )	30 hours	30		2
CHS 217	Information Communication & Technology	30 hours	15	15	2
	<b>Total</b>	<b>360 hours</b>			<b>22</b>

### 200 LEVEL - SECOND SEMESTER

COURSE CODE	COURSE TITLE	DURATION	T	P	UNITS
ANA 121	Anatomy II ( <b>University's Specific</b> )	30 hours	15	15	2
PHS 121	Physiology II ( <b>University's Specific</b> )	30 hours	15	15	2
CHS 206	Environmental Health	30 hours	15	15	2
CHS 208	School Health Programme	30 hours	15	15	2
CHS 210	Health Economics	30 hours	30		2
CHS 212	Health Information System Management	30 hours	15	15	2
CHS 214	Medical Sociology	30 hours	15	15	2
CHS 216	Health Education and Promotion	30 hours	15	15	2
CHS 218	Accidents and Emergencies	30 hours	15	15	2
CHS 220	Biomedical and Health Care Wastes	30 hours	15	15	2
CHS 222	Practicum/Clinical/Field Attachment I (4 weeks)				2
	<b>Total</b>	<b>300 hours</b>			<b>22</b>

**300 LEVEL - FIRST SEMESTER**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>DURATION</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
CHS 301	Child Health I	60 hours	30	30	3
CHS 303	Reproductive Health I	60 hours	30	30	3
CHS 305	Nutrition in Health and Diseases	30 hours	15	15	2
CHS 307	Control of Non-Communication Diseases	30 hours	15	15	2
CHS 309	Introductory Pharmacology	30 hours	30		2
CHS 311	Health Services Management I	30 hours	15	15	2
CHS 313	Use of Treatment Protocols I	60 hours	30	30	3
CHS 315	Immunology, Immunization and Cold Chain Management	60 hours	30	30	3
FRE 301	Functional French I	30 hours	30		2
	<b>Total</b>	<b>360 hours</b>			<b>22</b>

**300 LEVEL - SECOND SEMESTER**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>DURATION</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
CHS 302	Child Health II	60 hours	15	45	3
CHS 304	Reproductive Health II	60 hours	15	45	3
CHS 306	Control of Communicable Diseases	30 hours	15	15	2
CHS 308	Health Services Management II	30 hours	15	15	2
CHS 310	Introduction to Medical Laboratory Techniques	30 hours	15	15	2
CHS 312	Use of Treatment Protocols II	60 hours	15	45	3
FRE 311	Functional French II	30 hours	30		2
CHS 314	Research Methodology	60 hours	60		3
CHS 316	Practicum/Clinical/Field Attachment II (4 weeks)				3
	<b>Total</b>	<b>360 hours</b>			<b>23</b>

**400 LEVEL - FIRST SEMESTER**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>DURATION</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
CHS 401	Basic Medicine I	60 hours	30	30	2
CHS 403	Community Mental Health	60 hours	30	30	2
CHS 405	Clinical Methods I	60 hours	30	30	3
CHS 407	Supervised Community Based Experience/Field Studies.	60 hours	60		3
CHS 409	Computer Application in Health	30 hours	15	15	2
CHS 411	Introduction to Public Health Laws	30 hours	15	15	2
CHS 413	Introduction to Geriatrics and Gerontology	30 hours	15	15	2
CHS 415	Human Resources Training	30 hours	30		2
CHS 417	Professional Practice I				2
	<b>Total</b>	<b>360 hours</b>			<b>20</b>

**400 LEVEL - SECOND SEMESTER**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>DURATION</b>	<b>T</b>	<b>P</b>	<b>UNITS</b>
CHS 402	Clinical Methods II	60 hours	15	45	2
CHS 404	Referral System and Outreach Services	30 hours	15	15	2
CHS 406	Basic Medicine II	60 hours	15	45	2
CHS 408	Care of the Atypical	30 hours	15	15	2
CHS 410	Seminar	30 hours	30		2
CHS 412	Project Work	60 hours			3
CHS 414	Entrepreneurial Studies	30 hours	30		2
CHS 413	Professional Practice Paper II				2
	<b>Total</b>	<b>270 hours</b>			<b>17</b>

**SUMMARY**

**200 Level - 44 Credit Units**

**300 Level - 46 Credit Units**

**400 Level - 40 Credit Units**

**Grand Total – 130 Credit Units**

## **DETAILED COURSE DESCRIPTION (200 LEVEL FIRST SEMESTER)**

### **ANA 101: ANATOMY I**

Philosophy, Methodology, Language and general descriptive terms in Anatomy. Skin, fascia, muscles, bones, joints, blood vessels, nerves, lymphatic, etc. The pectoral girdle and associated joints (Sternoclavicular, acromioclavicular). Muscles acting on the shoulder joint, The axilla and Brachial Plexus, The Anatomy of the Breast, Blood supply. Venous drainage and lymph drainage, Flexor and Extensor-Compartments of arm, The elbow joint, and muscle acting on it. The flexor and extensor compartment of the fore-arm, Wrist Joint, and muscles acting on it, The anatomy of the hand, The blood supply and Anastomosis of the upper limb (around scapula, humerus, elbow and hand), Dermatomes of the upper limb. The front of the thigh I (Femoral triangle, femoral canal and hernia, subsartorial canal). The front of the thigh II: The medial side of the thigh; The gluteal region; The back of the thigh; The popliteal fossa; The front of the leg and the dorsum of the foot; The lateral side of the leg; The back of the leg; The sole of the foot (arches of the foot); The hip joint and the knee joint; The tibio-fibular joints, ankle joint and the joints of the foot. Gross anatomy shall include classroom lectures and dissection sections. Examinations shall include both written and practical examinations and viva-voce.

Intracellular localization of enzymes. Properties of enzymes. Enzyme kinetic and inhibition; co-enzymes and cofactors. Glycolysis Tricarboxylic acid cycle. Oxidative phosphorylation and Hexose monophosphate shunt. Membranes and transport Glycogen synthesis and breakdown. Oxidative deamination, transamination and urea cycle. Degradation of amino acid. Synthesis of fatty acids, oxidation of fatty acids. DNA replication and transcription: protein biosynthesis and regulation. Cholesterol: Chemistry, synthesis and breakdown. Biochemical basis of hormone action. Drug metabolism. Mineral metabolism and role of calcium in bone formation. Introduction to Nutritional Biochemistry.

### **PHS 101: PHYSIOLOGY I**

Introduction and History of Physiology. Structure and function of cell membranes with emphasis on transport across cell membrane. Biophysical principles. Osmosis, diffusion, active transport. Homeostasis and control systems. Body fluid compartments, blood formation, functions, Haemostasis, haemorrhage, Electrophysiology of the heart, cardiac cycle, venous return, circulatory adjustment to exercise, physiology of respiration.

Systemic or greater circulation, pulmonary or lesser circulation. The Heart, Chambers, Capacity, Heart walls: Epicardium, Myocardium, Endocardium and pericardium. Heart valves: atrioventricular and semilunar, Cardiac cycle and phases: systolic (contract) and diastolic (relaxation) Mechanism of valve functioning physiological properties of cardiac muscle. The basis of heart Automaticity (a) Sinoatrial node (paced maker) (b) Atrioventricular node (c) The Bundle of Hiss, Stanius experiment Heart Block, fibrillation, Refractory period of the cardiac muscle: Extra systole External manifestations of cardiac Activity: Apex beat, Heart Sounds, Bioelectrical activity of the hear and its recording: standard leads (ECG) chest leads, Control of cardiac Activity Nervous control.

### **GNS 101: PEOPLES AND CULTURES**

Concept and meaning of culture; traditional African culture- its geographical and ethno-graphical spread, practices, its family structure, kingship system, etc. Socio-economic status and culture, political system, traditional art and music, modes of communication; Africa and processes of modernization, urbanization, changes in cultural approach to hygiene and contemporary health issues, taboos, myths and practices, globalization, religion and cultural revival, mass media and cultural development.

### **CHS 205: APPLIED FIELD EPIDEMIOLOGY**

Historical development, definition, scope and application of epidemiology; Introduction to the basic principles and methods of epidemiology. Epidemiologic model of disease occurrence; Causal inferences in disease causation – Unifactorial model, multi-factorial model, Web of causation, criteria for asserting etiological relationships in disease occurrence; Agent-Host Environment relationships in disease occurrence; Person-Time-Place Descriptive Epidemiological Model; Time-Relationships in disease occurrence – natural history of disease, time of onset of a disease, time of diagnosis of disease, incubation period, time incidence function of a disease, mode of transmission of disease, epidemic curves, epidemiologic year of a disease.

### **CHS 207: BASIC AND BIostatISTICS**

Applications of biostatistics in health care delivery, the statistical process, statistical methods in common use and statistical analysis. Definition, types of data, classification and types of samples, sampling techniques data distribution, descriptive and inferential statistics. Vital and health statistics. Use of computer based statistical packages – e.g. statistical package for social sciences (SPSS), Epi-Info, Epi-data, stata, etc.

Statistical data: types, sources and methods of collection. Presentation of data: tables, charts and graphs. Errors and approximations, frequency and cumulative distributions. Measures of location, partition, dispersion, skewness and kurtosis. Rates, ratios, and index numbers. Scope of statistical methods in biology and agriculture. Measures of location, partition and dispersion. Elements of probability. Probability distributions: binomial, Poisson, geometric. Hypergeometric, negative binomial, normal. Estimation (point and interval) and tests of hypotheses concerning population means, proportions and variances. Regression and correlation. Non-parametric tests. Contingency table analysis. Introduction to design of experiments. Analysis of variance.

### **CHS 209: INTRODUCTION TO DEMOGRAPHY**

Demography: definition and concepts. Introduction to the principles and methods of demography. Sources of population data; Population structure and characteristics, population dynamics and health implications, population structure and population movement. Census: types, methods, principles and practice. Applications of census data. Population data and the planning of social services. Demographic transition theory and health/disease patterns and services. Indices of population, health and development, life table techniques and interpretation of related indices. Determinants of population growth and distribution, Sources of demographic data, Effects of population structure on health, vital registration systems, Measures of mortality, Differentials in mortality, Migration, National population policy. Relevance and application of demography in health care.

### **CHS 211: INTRODUCTION TO PRIMARY HEALTH CARE**

This course is designed to provide the student with the necessary knowledge and skills needed to understand the basic principles of Primary Health Care and its components in the National Health Policy. Define Health, define Primary Health Care and explain the principles of PHC. Explain the Components of PHC; describe the history of health services in the country. Organization and management structure in PHC. Define Health Team, List members of a health team, enumerate the functions of a health team, enumerate the advantages of a health team, and identify the problems that can militate against a Health Team. Define culture, explain the role of culture in Health, and describe the socio-economic factors affecting Health. Enumerate the environmental factors that can affect health positively or negatively. Outline the personal factors that can promote or inhibit the health of man. Identify PHC as the basis for the National Health Policy. State the rationale for National Health Policy.

### **CHS 213: COMMUNITY HEALTH PRACTICE AND PROFESSIONAL ETHICS**

Definition of concepts; community health, public Health, international health, etc. History, philosophy and development of community health practice. Components of community health practice. Difference between Community Health and Public Health. Application of theories, models and concepts to emerging community health issues and contemporary role of community health practitioners in local and international communities. Ethics and legal aspects of Community Health Practice. Concept of morality. Intra- and Inter- professional relationship. Professional association and Regulatory Bodies. Legal authority of Regulatory Boards and councils.

### **CHS 215: COMMUNITY MOBILIZATION AND PARTICIPATION**

Definition of concepts and rationale for - advocacy, community diagnosis, community mobilization and participation. Steps and levels in advocacy, community diagnosis and community mobilization. Information sought during advocacy, community diagnosis and community mobilization. Instruments used in situational analysis and community diagnosis. Processes and methods for the design of advocacy message and community diagnosis. Use of Advocacy materials. Formation and organization of development committees.

### **GNS 102: LOGIC AND CREATIVE THINKING**

This course is designed to develop student's skill in critical thinking and argumentation. This is because every human being thinks critically before taking some critical decisions in life. The course will enable students to think about most significant issues towards becoming a competent health care service provider, evaluates what it will cost them during the process of their training, etc. At the completion of this course, students should be able to identify and evaluate reasonable academic and professional arguments. Students will be able to recognize arguments and distinguish them from rhetoric, explanations, descriptions, etc. and use various tools provided to determine the merit of any particular argument, and use the various tools and skills to construct their arguments, claims or views to form a position, formal proof, truth table; Laws of thought, methods of deduction using rules of inference and bi-conditional, introduction to qualification theory. These are skills that are required for an effective practice. Students will be given home work, class assignments, reading and many times, a professional argumentative session which may be in form of quizzes and debates. The class must also be very participatory for all students and teacher.

### **CHS 217: INFORMATION AND COMMUNICATION TECHNOLOGY**

Concept and scope of information technology, Computers for information storage, information seeking, information processing and information transmission. Elements of computer system, computer hardware and software; numeric data, alpha numeric data; contents of a program and processing. Computer organization, block diagram of a computer, CPU, memory. Input devices; keyboard, mouse etc; output devices; VDU and Printer, Scanner and Plotter. Electrical requirements, inter-connections between units, connectors and cables.

Secondary storage; magnetic disks – tracks and sectors, optical disk (CD and DVD Memory), primary and secondary memory: RAM, ROM, PROM etc. Capacity; device controllers, serial port, parallel port, system bus. Exercises on file opening and closing; memory management; device management and input – output (I/O) management with respect of windows. Installation concept and precautions to be observed while installing the system and software . Given a PC, name its various components and list their functions. Identification of various parts of a computer and peripherals. Practice in installing a computer system by giving connection and loading the system software and application software. Installation of DOS and simple exercises on TYPE, REN, DEL, CD, MD, COPY, TREE, BACKUP commands. Exercises on entering text and data (Typing Practice). Installation of Windows 98 or 2000 etc. Features of Windows as an operating system: Start, Shutdown and restore, Creating and operating on the icons, Opening closing and sizing the windows, Using elementary job commands like – creating, saving, modifying, renaming, finding



and deleting a file, Creating and operating on a folder, Changing setting like, date, time color (back ground and fore ground), Using short cuts, Using on line help.

## **200 LEVEL SECOND SEMSTER**

### **ANA 121: ANATOMY II**

Shape and frame-work of the thorax, Surface Anatomy The lungs, Apertures of the Thorax, Respiratory movements, Superficial Structure (the muscles), Intercoastal arteries and veins, Internal thoracic artery, Mediasternum (superior and inferior) middle, anterior and posterior), Lateral parts and pleurals, Roots of the lungs, Lobes of the lungs, Intrapulmonary structure, The trachea, Sternocoastal surface of the heart, Surface anatomy of the heart Chambers of the heart Structure of walls of heart – Myocardium and conducting system, The aorta Oesophagus Thoracic duct, Sternal joints, Sternocostal joints, Interchondral joints Costochondral joints, Costovertebral joints, Joints and Ligaments of the Vertebral column, anterior and posterior Abdominal walls, Peritoneum, Inguinal Canal and Hernia; Arteries, Veins, Lymphatics of GIT; Stomach, small & Large Intestine, Liver, Spleen, Pancreas, Kidneys & Suprarenal Glands, Bones and Joints of Pelvis, Pelvis and Perineum, Anatomy of male and female reproductive systems, Superficial/Deep perineal pouches.

### **PHYSIOLOGY II**

Reflex control: Intracardiac reflex responses – Reflex effects of the pericardium, reflex effects of the coronary pulmonary, atria and ventricular vessels, Effects of vascular reflexogenic zones, Reflex effects of visceral receptors. Effects of the cerebral cortex on cardiac Activity. Humoral control of Cardiac Activity, effects of electrolytes:  $K^+$  &  $Ca^{2+}$  ions, effects of neurotransmitters, effects of hormones: Thyroxine, insulin, Gonadal hormones, Adrenaline and nor adrenaline. Heart Rate balance, Adaptation to abnormal environments, metabolic rate and temperature regulation.

### **CHS 206: INTRODUCTION TO ENVIRONMENTAL HEALTH AND SAFETY**

Definition, history, types of environment, components of environmental health. Management of liquid and solid wastes. Effects of environmental factors such as water, air, noise, biological, socio-cultural and socio-economic, on the health of the community, method of assessing these factors and steps taken to improve on the quality of the environment. Concepts of occupational health and safety. Principles and components of occupational health, various hazards in the occupational environment. Common occupational diseases and their prevention, appropriate hazard control measures in the work environment. Carrying out a walk through inspection of an industry. Management of staff clinic.

### **CHS 208: SCHOOL HEALTH PROGRAMME**

The concept of School Health Services, health needs of the school child, management of common health conditions among school children. Procedures for carrying out medical examinations in school children, organizing health care services to meet the needs of school children. Promoting good school environment, screening and management of school food vendors and canteens.

### **CHS 210: HEALTH ECONOMICS**

This course is designed to allow the student to apply economic approaches to planning and improving health services in the community. Understand the basic principles of health economics: financial, economic goods and services, economic needs, opportunities and costs, scarcity, demand and supply. Cost effectiveness and cost benefits. Explain national economic objectives, role of the consumer in the capitalist economy, role of government in the economic system, budgetary procedure, the national income and distributions, fiscal policy, approach to financial planning, consumer health etc. Health Care financing. National health Insurance schemes.

### **CHS 212: HEALTH INFORMATION SYSTEM MANAGEMENT**

Definitions of concepts and terminologies, Management Information Systems processes, Identification of National Health indicators, various forms and Instrumental guidelines, monitoring, supervision and evaluation of Primary Health Care (PHC) Community Based Information System (CBIS) at various levels. Sources of Health information in National Health Management Information System (NHMIS).

### **CHS 214: MEDICAL SOCIOLOGY**

This course will enable students to examine social factors in the cause and distribution of disease; relationships between patients and health professionals; the contribution of socio-cultural beliefs to health, illness, treatment, and recovery; the organization of health-care delivery; and the disparities in the distribution of health resources.

### **CHS 216: HEALTH EDUCATION AND PROMOTION**

Concept of health education, health promotion, appropriate approaches and methods in health promotion, development and use of audio-visual aids, learning and adult learning, community entry and community needs assessment, communication in health. Planning and implementation of health education and promotion programme, community mobilization and participation, behaviour change communication (BCC), school Health programme, etc. Inter-personal communication skills. Definition of counselling; exposure to specific skills that promote appropriate counselling; use of appropriate counselling techniques – test timing, pre-test counselling. Anonymity versus confidentiality, reporting requirements, test result interpretation, post test counselling – wellness strategies, crisis intervention, behaviour change, partner notification and referral.

### **CHS 218: ACCIDENTS AND EMERGENCIES**

Definition of Accidents and Emergencies, Definition and principles of first aid. Current conditions of emergency, illness and injury, signs and symptoms of surgical and medical emergencies and the reasons for referring them promptly. Types of specialists that emergencies are referred to. Accident prevention at home and in the community etc. Emergencies preparedness and Disaster management; Definition of epidemiology, types. Emergency Response; planning, organization and execution. Management of mass casualties, Pitfalls and barriers to disaster planning and response.

### **CHS 220: BIOMEDICAL AND HEALTH CARE WASTE**

Definition and classification of biomedical and health care waste. Sources and health impacts of biomedical and health care waste. Planning in biomedical and health care waste management, handling and transportation of biomedical and health care waste. Waste minimization, recycling, and reuse. The role of legislation in biomedical and health care waste, treatment technologies for biomedical and health care waste. Disposal methods in biomedical and health care waste. Health and safety rules for personnel and associated workers. Infection control and emergency response, training and retraining in biomedical and health care waste.

### **CHS 222: PRACTICUM AND CLINICAL /FIELD ATTACHMENT I**

During this period students are expected to be attached to approved Comprehensive or Primary Health Centre for a period of 4 weeks. They will be under approved supervisors (preceptors) who will assign routine clinical practices/procedures to them on daily basis. Students are also expected to complete a designed log book to be endorsed by their supervisor (preceptor) on a weekly basis. Students are equally expected to write a report and present a seminar at the end of the of the attachment period.

## **300 LEVEL FIRST SEMESTER**

### **CHS 301: CHILD HEALTH I**

Physiology and care of the new born, process of growth and nutrition in children 0-5 years. Identify and effectively use the tools for assessment of the health and immunization status of children 0-5 years, carryout immunization. Exclusive Breast feeding, infant feeding guide. Children who are 'at risk' for specific conditions.

### **CHS 303: REPRODUCTIVE HEALTH I**

Review the anatomy and physiology of the male and female reproductive systems; Discuss the concept of reproductive health rights including family planning; process of pregnancy including pre-natal and ante-natal care; and management of labour. Care of mother and child during puerperium. . Family Planning/Contraception.

### **CHS 305: NUTRITION IN HEALTH AND DISEASES**

Definition concepts and historic perspectives of nutrition, food nutrients and classification; nutritional value of food and its effect on health; food production, storage, processing, transportation, purchasing, preservation, preparation safety, and diet therapy; balance diet. Breastfeeding, selection and formulation of weaning diets; family menu and budgeting, socioeconomic status of the family, various methods of nutritional assessment, biochemistry, biochemical assessment, anthropometric measurement, 24hr dietary recall. Physical and laboratory analysis of nutrients (haemoglobin estimation etc). Diet control in illness, obesity and weight control, local foods, nutrition through the life cycle (diet for different ages and condition), food labeling, food miles and sign posting. Basis for nutritional intervention, food protection, indicators of malnutrition.

### **CHS 307: CONTROL OF NON-COMMUNICABLE DISEASES**

Concept of non-communicable diseases. Aetiology, epidemiology of common non-communicable diseases Causes and pre-disposing factors of common non-communicable and chronic diseases. Clinical signs and symptoms of common non-communicable diseases. Management and preventive measures for common non-communicable diseases. Role of individual, family, community, government and international agencies in the control of non-communicable diseases.

### **CHS 309: INTRODUCTORY PHARMACOLOGY**

Concept of the National Drugs Policy, National Drug Formulary, Management of Essential Drugs and Supply system, Essential Drugs list and pharmacology of Essential Drugs in Primary Health Care. Concept of Drug Revolving Fund. General Principles of Drug Action: Dose - Response Relationships. Drug Receptor, Interactions, Sequestration of Drugs: Routes of Administration – Absorption, Distribution, Biotransformation. Excretion Pharmacogenetics, Pharmacodynamics. Pharmacokinetics. Principles of Bio-availability of Drugs.

### **CHS 311: HEALTH SERVICES MANAGEMENT I**

Definitions, Planning, Rationale for Planning, Types of Planning, Planning Steps, Historical Development of Formalized Health Planning, Health Planning and Project Formulation, Health Policy, Policy Process, Steps in Health Policy Formulation, Reasons for Policy Making, and National Health Policy. Health Policy implementation, Monitoring and evaluation.

### **CHS 313: USE OF TREATMENT PROTOCOLS I**

Historical background of treatment protocols, layout and structure of treatment protocols, symptoms of disease. Procedures for using the treatment protocols. Practical demonstration of the procedures in the management of health conditions identified and taking into account the details of the history and examination, the appropriate choice of corresponding actions, prescription, medications and instructions for follow up.

### **CHS 315: IMMUNOLOGY, IMMUNISATION AND COLD CHAIN MANAGEMENT**

Definition of terms. History of Immunization, Concept of vaccines /vaccination. Vaccine administration, Immunization strategies, Introduction to immunology – innate and acquired immunity; Antigens and antibodies; antigens and antibody reactions and immune response to infection; Humoral and cell-mediated immunity, immunity and infectious diseases; Hypersensitivity states; Prophylactic and therapeutic applications of immunity; Auto-immunity and its relation to human diseases; Transplantation immunology; Immunosuppression and immune-deficiency states. Types of vaccines, their uses and methods of administration, requisition for vaccines; collection, storage and distribution of vaccines; Cold Chain Management, Vaccine Requirement, Requisition and Storage. Maintenance of cold chain system; organization of immunization clinics and campaigns, Disposal of vaccines.

### **FRE 301 & 311 FUNCTIONAL FRENCH I & II**

Objectives: The students from English speaking countries must be taught basic functional French that would enable them speak, read, write and interact with people across borders or with people from other language background. This will promote the spirit of integration and fulfill the primary aim of harmonization and mobility of health professionals within the region. The content should be according to the approved content of relevant departments of the domicile Institution.

### **300 LEVEL SECOND SEMESTER**

#### **CHS 302: CHILD HEALTH II**

Concept of Integrated Management of Neonatal and Childhood Illness (IMNCI), conditions which may expose the child to grave danger. The Rights of the Child charter. Intervention strategies in child health Care (Child Survival Strategies). Infant morbidity and mortality.

#### **CHS 304: REPRODUCTIVE HEALTH II**

Unsafe Abortion and its complications. Infertility, menopause and andropause. At Risk pregnant women for referral. Adolescent sexuality and development process. Adolescent reproductive health right. Principles of adolescent and youth friendly services. Importance of provision of youth friendly service. Anatomy and Physiology of the male and female reproductive system. Abnormal prenatal conditions and management of prenatal period. Maternal mortality. Prevention and management of sepsis. Hydration and rehydration. Management of episiotomies and lacerations. Prevention and treatment of haemorrhage and of the postnatal period. Interpersonal communication and counselling. Management of HIVS/AIDS and STIs (HIV Counseling and Testing, PMTCT, etc.).

### **CHS 306: CONTROL OF COMMUNICABLE DISEASES**

Concept of communicable diseases, an aetiology, epidemiology and pre-disposing factors. Clinical signs and symptoms of communicable diseases. Treatment and preventive measures of communicable diseases. Principles and methods of control of communicable diseases, concept of immunity and immunization in relation to communicable diseases. Identification of pandemic emerging and re-emerging diseases. Procedure for reporting of pandemic emerging and re-emerging diseases. Identification of internationally notifiable diseases. Procedure for reporting international notifiable diseases. Discuss the concept of Integrated Disease Surveillance and Response (IDSR). Management and control of HIV/AIDS including; the pathophysiology of HIV/AIDS, the natural progression of HIV/AIDS, laboratory investigation of HIV/AIDS, ARV drugs and the importance of adherence to ARV drugs, HIV and Tuberculosis, management of opportunistic infections (OIs), preventive and control measures of HIV, care and support needs of people living with HIV/AIDS.

### **CHS 308: HEALTH SERVICES MANAGEMENT II**

Modern Management Concepts, theories and Principles of Management, Managements Process. Human Resource (for Health) Management – manpower planning, performance appraisal, motivation, incentives and retention. Group Dynamics, Conflict Management, Total Quality Management (TQM), Power, Time Management. Issues on health in relation to Economics and its impact. Concept of causality and factors of staying healthy. Financial Management.

### **CHS 310: INTRODUCTION TO MEDICAL LABORATORY TECHNIQUES**

The diagnostic skills in health practice, preparation of patients for diagnostic procedures, collection of samples for laboratory test, principles and techniques of laboratory test, conduct simple laboratory tests, maintain universal precautionary measures and management of the health facility laboratory.

### **CHS 312: USE OF TREATMENT PROTOCOLS II**

Disease symptomatology. Lists of health conditions which should be referred, etc.

### **CHS 314: RESEARCH METHODOLOGY**

The meaning, nature and uses of research in health. Research processes and designs. Methods of data collection, data analysis and presentation. Research proposal and report writing, etc.

### **CHS 316: PRACTICUM AND CLINICAL/FIELD ATTACHMENT II**

During this period students are expected to be attached to approved designated health facilities for a total period of 4 weeks. They will be under approved supervisors (preceptors) who will assign routine clinical/community based activities to them on daily basis. Students are also expected to complete a designed log book to be endorsed by their supervisors (preceptors) on a weekly basis. Students are equally expected to write a report and present a seminar at the end of the of the attachment period.

## **400 LEVEL FIRST SEMESTER**

### **CHS 401: BASIC MEDICINE I**

Epidemiology of common disease conditions, clinical features and management of common disease conditions, mental health and psychiatric conditions Paediatrics, Oral health, Infection prevention. Anatomy and physiology of the oral cavity, common oral diseases, factors affecting oral health care, preventive and control measures of common oral diseases. Treatment of common oral diseases and conditions. Mobilizing the community to promote positive oral health habits. Anatomy and physiology of the Ear, Nose and Throat. Basic equipment vital for diagnosis and treatment Ear, Nose, and Throat conditions and disease; their uses. Recognition and treatment of the diseases of the Ear, Nose and Throat. Reducing complication arising from the diseases of the Ear, Nose and Throat. Harmful practices associated with Ear, Nose and Throat. Anatomy and physiology of the Eye, basic equipment for diagnosis and treatment of eye conditions and diseases; and their uses. Conducting simple eye screening. Harmful practices associated with Eye.

### **CHS 403: COMMUNITY MENTAL HEALTH**

Concepts and principles of mental health practice. Positive mental health habits. Identification of causes and predisposing factors in mental illnesses, characteristics of mentally ill person, classification of mental illnesses, process of early diagnosis of mental disorders and rehabilitation of the mentally-ill in the community. Resources for the care of the mentally-ill persons in the community, various types of therapy for the treatment of mental illnesses. Trado-medical and Alternative medical practices in mental health care. Preventive measures against mental disorders in the community.

### **CHS 405: CLINICAL METHODS I**

Basic principles of interview, procedures and principles involved in history taking, physical examination, monitoring of vital signs and blood pressure, and tepid sponging. Preparation and administration of Salt Sugar Solutions and other forms of fluids. Principles and procedures of Aseptic techniques in clinical procedure.

### **CHS 407: SUPERVISED COMMUNITY BASED EXPERIENCE**

During this period students are expected to be posted to approved Comprehensive or Primary Health Centres for a period of eight weeks. They shall undertake advocacy visits, community mobilization and conduct situational analysis. Undertake home visit to follow-up cases, mother craft and baby tracking. They will be under approved supervisors who will assign community based activities in the routine care of clients to them on daily basis. Students are also expected to complete a designed log book to be endorsed by their supervisors on a weekly basis. Students are equally expected to write a report and present a seminar at the end of the of the attachment period.

### **COS 409: COMPUTER APPLICATIONS**

Programming with MS-WORD: File Management: Opening, creating and saving a document, locating files, copying contents in some different file(s), protecting files, Giving password protection for a file, Page Set up: Setting margins, tab setting, ruler, indenting, Editing a document: Entering text, Cut, copy, paste using tool-bars, Formatting a document: Using different fonts, changing font size and colour, changing the appearance through bold/ italic/ underlined, highlighting a text, changing case, using subscript and superscript, using different underline methods: Aligning of text in a document, justification of document ,Inserting bullets and numbering, Formatting paragraph, inserting page breaks and column breaks. Use of headers,

footers: Inserting footnote, end note, use of comments, Inserting date, time, special symbols, importing graphic images, drawing tools, Tables and Borders.

Creating a table, formatting cells, use of different border styles, shading in tables, merging of cells, and partition of cells, inserting and deleting a row in a table. Print preview, zoom, page set up, printing options, Using Find, Replace options, Using Tools like: Spell checker, help, use of macros, mail merge, thesaurus word content and statistics, printing envelopes and labels. Using shapes and drawing toolbar, Working with more than one window in MS Word, How to change the version of the document from one window OS to another. Conversion between different text editors, software and MS word, MS-EXCEL Starting excel, open worksheet, enter, edit, data, formulas to calculate values, format data, create chart, printing chart, save worksheet, switching, from another spread sheet. Menu commands: create, format charts, organize, manage data, solving problem by analyzing data, exchange with other applications.

### **CHS 411:INTRODUCTION TO PUBLIC HEALTH LAWS**

Concept of public health laws and sources of public health laws, rights of patients, health legislations and public health laws making process. Existing public health laws and enforcement bodies.

### **CHS 413: INTRODUCTION TO GERIATRICS AND GERONTOLOGY**

The concepts of geriatrics and gerontology. Physiology and current issues related to aging and their management. Geriatric nursing, geriatric nutrition, geriatric occupational therapy, geriatric pain management, and geriatric physical therapy. Aging process, effects of ageing, physiology of ageing, sociology, counseling and health care fundamentals. impairment and disability, prescribing drugs, geriatrics syndromes and conditions etc.

### **CHS 415: HUMAN RESOURCE TRAINING**

This course will enable students to understand the concepts of continuing education in relation to his/her work. Define human resource training and staff development. List the reasons for the training of health personnel. Explain the reasons for continuing education for health workers. Explain the areas that require the development of human resources in primary health care. Identify methods for verifying training needs of staff. Make a budget analysis of manpower requirements for health care systems. Explain the following training methods: Pedagogy and Andragogy. Identify appropriate facilities for training. Develop a training program. Develop a program session. Implement staff training in an identified component of primary health care. Evaluate the training done and provide feedback to other staff and employers. Develop strategies for staff development and retention.

### **400 LEVEL SECOND SEMESTER**

#### **CHS 402: CLINICAL METHODS II**

Procedures involved in wound dressing. Content and use of diagnostic set. Administration of injection and drugs. Collection of specimen **and** procedures for laboratory testing. estimation haemoglobin using appropriate procedures and instruments. Carrying out oral toilet. Perform visual acuity test, breast self-examination. Assessment of nutritional status of a child using appropriate methods. e.g. Growth monitoring - weight, height, mid-arm circumference. Circumcision, Assessment of dehydration, Catheterization, Episiotomy, Pap smear, suturing of wounds and drip setting.

### **CHS 404: REFERRAL SYSTEM AND OUTREACH SERVICES**

Define referral services. Discuss the need for referral services. Types and benefits of referral services. Processes in the conduct of referral services. Planning, implementation and evaluation of referral services. Define outreach services; discuss the rationale for outreach services. Types of services rendered during outreach services. Processes involved in conducting outreach services, planning, implementation and evaluation of outreach services. Resources required for outreach services.

### **CHS 406: BASIC MEDICINE II**

Definition and concepts of disabilities, Common disabilities, causes, categories, available preventive measures for disabilities and rehabilitation in the community. Common emergency conditions, diseases and injuries, signs and symptoms for surgical and medical emergencies and rationale for prompt referral. Types of specialists to which identified emergency condition may be referred. Prevention of accidents at home and in the community.

### **CHS 408: CARE OF THE ATYPICAL**

Definition and concepts of disability, disability trends, causes, types, available preventive measures and rehabilitation in the community. Define the diseases that cause disabilities. List the common diseases that cause disability in the community. Explain the causes of diseases that cause disability. Classify the diseases that cause disability by the standards of World Health Organization. Include preventive measures against diseases that cause disability. List the facilities and resources available for rehabilitation

### **CHS 410: SEMINAR**

Identify various issues and trends in community health care/practices. Seminar sessions, discussions, and presentations centred on knowledge of the relevant biological, social and psychological concepts and theories.

### **CHS 412: PROJECT WORK**

Students are guided in the development, execution and writing of research projects in the approved area of their interest. They are also expected to present a simple seminar before the approval of their chosen topic.

### **CHS 414: ENTERPRENEURIAL SKILLS**

This course will enable students to acquire knowledge of relevant business skills. Recognition of opportunities, generating ideas / creativity, risk taking, critical thinking, analysis of new initiatives, corporate finance, family business ownership and wealth management, capital, organizational effectiveness, mergers and acquisitions, organizational design, sales management, consumer behaviour, research and marketing strategy.

### **Professional Practice Paper I and II**

This will be conducted by the appropriate Registration Board or Council for Community Health Practitioners at the country level, Students will write the professional examination alongside other University at the first and last semester of 400 Level. Failure to pass this professional papers means that such student has not complete the programme.

### **LIST OF BOOKS AND REFERENCE MATERIALS.**

Books for trainers and trainees as approved by appropriate authorities and available within national levels for each country in line with the contents of the training curriculum are allowed for the programme. Reference books from indigenous authors and professionals in line with the training curriculum are strongly recommended.



**HARMONIZED PROFESSIONAL DIPLOMA  
FOR THE TRAINING OF  
COMMUNITY HEALTH WORKERS  
IN ANGLOPHONE MEMBER STATES**

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## **1.0 INTRODUCTION**

Community Health is the branch of Medicine which is concerned with the health of the whole population and the prevention and treatment of diseases from which it suffers. This is carried out through community diagnosis – Conducting baseline survey, collecting of baseline data and situation analysis. The concept of community health encompasses the three levels of health development scenarios –individual health, family health and the health of the community. This is the approach recommended by the World Health Organization (WHO) for addressing health basic and essential challenges in developed and developing countries to ensure a reduction in infant and maternal morbidity and mortality rate, disease burden as well as social justice.

## **2.0 PHILOSOPHY**

This programme is geared towards providing the necessary manpower for quality and effective health service delivery to member states of the ECOWAS Region for quality and effective service delivery through Community Health Practice. It is envisaged that the course will produce graduates with a broad based scientific and professional knowledge and sound understanding of community health and primary health care issues as practiced in the ECOWAS region and globally.

## **3.0 OBJECTIVES**

By the end of this programme students should be able to do the following:

9. Have sound broad based scientific and professional knowledge and skills required for community health practice.
10. Identify factors in the society that affect mobilization, participation and inter-sectoral approach to health care.
11. Describe and apply the means of preventing and controlling the effects of environmental (water, air, soil and food) contamination on the individual, family, community and public health at the local, state and national levels.
12. Communicate effectively with the individual, family, community, public and professionals regarding health, healthy living and public health impacts and associated challenges related to personal and community health promotion and disease prevention.
13. Use the approved treatment protocols to effectively treat and manage common health conditions appropriately.
14. Acquire research competencies and undertake researches aimed at solving health problems.
15. Assume high level managerial and leadership role in primary health care.
16. Become high level community health practitioners

## **3.1 PROGRAMME OBJECTIVES**

The overall objective of the B.Sc in Community Health Degree programme is to contribute toward the improvement of the individual, family and community health and to achieve the attitude of healthy living and quality of life in the ECOWAS sub-region towards self- reliance. It is therefore expected that at the end of the course, a community health graduate should have acquired the knowledge, skills and attitudes to achieve the following specific cognitive, psychomotor and affective objectives among others.

### **3.1.1 COGNITIVE OBJECTIVE;**

1. To describe and apply the scientific principles involved in health promotion and disease prevention.
2. To identify the effective communication and group dynamic processes necessary for effective behavioural changes in the people.
3. To describe the steps and levels in advocacy, Community Diagnosis and Community Mobilization toward identifying community health problems in a community.

4. To describe in details the steps in planning and implementing an appropriate community health programme aimed at solving those problems identified, and according to priority.
5. To describe in details the list of the common communicable diseases in the country, their mode of transmission and identify the various methods of controlling (biological, physical and psychological and social) these diseases.
6. To describe in detail the list of the common non-communicable and chronic diseases in the country and their risk factors and identify the various methods of controlling ( biological, physical, psychological and social) these diseases.
7. To describe in details the normal structures, function and malfunctioning of the body.
8. To describe the determinants and dynamics of diseases distribution in human population.
9. To describe the concept of health and health care system and the basic concepts, principles and approaches of the Primary Health Care system.
10. To describe the dynamics of human behaviour towards adjusting to situations.
11. To describe the relationship between sociology and medical sciences in the health care systems in the Sub-region.
12. To describe and apply economic approaches in planning and improving health care services in the community
13. To describe the basic concepts and methods of research in the area of health care system
14. To describe the methods of protecting the environment and providing potable water to achieve good health in the community.
15. To describe the management of essential drugs and drug revolving fund.
16. To describe the system of developing an efficient and responsive system that would provide information necessary for planning, management and operation of community based health care activities in the community.
17. To describe the management processes for community based health care.
18. To describe the concept of personnel development vis-à-vis on the Job training.
19. To describe in detail the classes of food, the importance of adequate nutrition and food security.
20. To recognize accidents and emergencies for immediate management and referral.

### **3.1.2 PSYCHOMOTOR OBJECTIVE;**

1. To use the approved treatment protocols effectively and to teach the lower cadres its use in the management and referral of common conditions in the community.
2. To design and implement health education and health promotion activities in the community
3. To provide safe motherhood and birth control and deal with common problems of the adolescent.
4. To ensure the physical mental and social well-being of the children in the community, and to provide effective school health service.
5. To improve the quality of life of the aged.
6. To detect, identify, manage and control oral, eye and ENT conditions using the approved treatment protocols.
7. To initiate and undertake actions towards preventing handicapping conditions and to improve the quality of life of the Atypical (handicapped).
8. To use the nutritional assessment methods to detect and manage nutritional diseases in the community and to promote food demonstration practicals
9. To operate a simple accounting system for the health service.
10. To identify, manage and control; occupational hazards and diseases in the work environment.
11. To conduct outreach services and identify cases for prompt referrals.
12. To initiate and undertake actions capable of promoting health, preventing diseases and prolonging life.
13. To write a full report based on the data collected during community diagnosis for appropriate

intervention.

14. To carryout various clinical procedures and activities to enhance effective health care delivery.
15. To carryout community advocacy, mobilization, diagnosis and situation analysis for appropriate community health action.
16. To manage resources adequately and perform required administrative functions.
17. To recognize an epidemic and design appropriate management strategy for its control.
18. To ensure the promotion of mental well-being, prevention of mental disorders, early diagnosis and rehabilitation of the mentally ill in the community.

### **3.1.3 AFFECTIVE OBJECTIVES**

1. To demonstrate an attitude that places priority on team work, accepting and performing leadership and followership role with equal effectiveness.
2. To demonstrate an attitude of sustained zeal and professionalism towards the health of the nations and so continually seek self education and improved effectiveness.
3. To demonstrate an attitude of scientific enquiry in relation to every aspect of the professional activity.
4. To demonstrate an attitude of proficiency in the various skills involved in community health practice
5. To demonstrate an attitude of a sound health practitioner- client relationship, health practitioner- other health professional relationship, health practitioner – community relationship and never be found wanting.

## **4.0 THE ROLES AND FUNCTIONS OF GRADUATES OF THE PROGRAMME**

While diplomat employment opportunities will be varied and would include, among others, employment by governmental agencies as well as non-governmental organizations; graduates of the Professional Diploma in Community Health programme will be adequately prepared to perform the following roles and functions.

### **Community Based Functions**

- 1) Explain to the Community the Primary Health Care approach and his role as a member of the health team to link the community with health care system.
- 2) Carry out community mobilization for health action.
- 3) Guide and support the Village Health Workers (VHWs)/Traditional Birth Attendants (TBAs) to initiate preliminary contact with the leaders.
- 4) Familiarize self with target population and health services within the community.
- 5) Follow-up and provide support for the initial contact made by the Village Health Workers/Traditional Birth Attendants of with the Community Leaders.
- 6) Initiate the formation and facilitate the effective functioning of the Development Committees.
- 7) Attend Community Development Committees and Health Facility meeting in rotation.
- 8) Participate in, and supervise Primary Health Care house numbering and placement of home-based records.
- 9) Update house numbering and placement of Home-Based Records during home visits, and through reports and records from Village Health Workers/Traditional Birth Attendants.
- 10) Initiate and work with the community and other health workers to carry out community diagnosis and continuous health needs assessment of the Community. (Health needs include

areas related to provision of good roads, good water supply, education, agriculture, Nutritional problems, HIV/AIDS, poverty eradication, etc).

- 11) Initiate and work with the community and other health workers to carry out general community survey, social and cultural characteristics of the community.
- 12) Work with other health workers and the community to identify major health problems of the community, including HIV/AIDS, Teenage Pregnancies, Juvenile delinquency, problems of the Elderly, gender inequality, child protection issues, etc.
- 14) Participate in the analysis of data collected
- 15) Initiate and/or work with his supervising officer and community members to:
  - a) Prioritize health problems.
  - b) Plan solutions to identified health needs
  - c) Identify available resources to solve the health problems.
  - d) Set coverage objectives (targets)
  - e) Identify workable interventions
- 16) Prepare and/or assist the supervising officers in preparing budget for implementation of plans
- 17) Prepare a schedule of activities for the delivery of services to tackle the priority health problems.
- 18) Work with Supervising Officer, Village Health Workers/Traditional Birth Attendants and Community members to carry out plans.
- 20) Develop a monthly work plan with the approval of Supervising Officers.
- 21) Coordinate the work plan of the Village Health Workers/Traditional Birth Attendants.
- 22) Manage Village Health Worker/Traditional Birth Attendants referrals and 'At-Risk' cases within the community using approved treatment protocols.
- 23) Support Village Health Workers / Traditional Birth Attendants efforts on health education, and initiate periodic health education campaigns within the community.
- 24) Supervise activities of the Village Health Workers/Traditional Birth Attendants and give feedback.
- 25) Assess the accomplishment of set coverage objectives (targets) by Village Health Workers/Traditional Birth Attendants.
- 26) Collect and collate records collected by Village Health Workers/Traditional Birth Attendants and forward these to the Supervising Officer.
- 27) Supervise the operation of the Essential Drug System and the Drug Revolving Fund
- 28) Keep accurate records of activities and health problems as required within the area of coverage
- 29) Analyze and summarize data collected and present in simple graphic form.
- 30) Compile monthly returns and reports, and send to the supervising officer and the Community Development Committee.
- 31) Update from Village Health Workers/Traditional Birth Attendants records, information on births, deaths and new entrants into the community.
- 32) Decide, in consultation with the Supervising Officer where available, when there is need for more pre-packaged drugs.

- 33) Maintain a roster for regular servicing of equipment, if Supervising Officer is not available.
- 34) Constantly monitor staff and vehicle movements, if Supervising Officer is not available.
- 35) Maintain a roster decided upon with Village Health Workers (VHWs) / Traditional Birth Attendants (TBAs) for meetings, and inform the community.
- 36) Carry out all other duties assigned to him by his Supervising Officer.

### **Clinic Based Functions**

- 1.0 Provide integrated Primary Health Care Services
  - 1.1 Organize and run Integrated Primary Health Care Services where a Senior Health professional is not available, based on their skills/competence
  - 1.2 These services are listed in the National Health Plan of respective countries and include:
    - a) Health Education concerning prevention and control of prevailing health problems.
    - b) Promotion of water supply and basic sanitation
    - c) Maternal and child Health, including reproductive health e.g. provides ante-natal care and delivery of normal pregnancy, post-natal care and specified reproductive health services.
    - d) Provide immunization services
    - e) Manage logistics and cold chain system
    - f) Carry out sterilization of equipment according to established protocol.
    - g) Treat common conditions and injuries
    - h) Perform of simple laboratory test and examination e.g. haemoglobin estimation, stool and urine testing, etc.
    - i) Keep and check that clinic equipment are safe and in good working order
    - j) Promote mental and dental health care.
  - 1.2 Collect and collate monitoring and evaluation data for the National Health Information Management System (NHMIS) from the Community and Health Facility and forward to the Ward level.
  - 1.3 Carry out with Senior Health professionals (where available) the day-to-day administration of health services in the target population.

### **Training Functions**

- 1.0 Identify learning needs of Village Health Workers (VHWs) /Traditional Birth Attendants (TBAs) and members of the Community Development Committee and provide on-the-job training as necessary
- 2.0 Collaborate with other Team members in carrying out basic research activities in the community.
- 3.0 Collaborate in the planning, implementation and evaluation of training programmes for VHWs / TBAs.
- 4.0 Teach the Village Health workers/ Traditional Birth Attendants, simple methods of data collection, collation and analysis.

#### **4.0 PERSONAL QUALIFICATION**

- Physically and mentally fit.
- Guide, supervise, monitor and give good leadership to others.
- Build a cohesive health team and sustain individual and team morale.
- Work independently when necessary and make good judgment.
- Interact with various Government Agencies and the Local Community.
- Have a high sense of responsibility, accountability and dedication.
- Willingness and commitment to work in rural communities.

#### **5.0 GENERAL ADMISSION REQUIREMENTS**

Candidates intending to undergo the professional Diploma in Community Health Programme must satisfy the relevant Institution's National requirements as approved by the Professional Regulatory body. Candidate must possess as a minimum requirement:

Five credit passes in not more than two sittings in WASSC, GCE or their equivalent Secondary School Leaving Certificate Examination FROM ECOWAS member States in the following subjects: English Language, Mathematics, Chemistry, Biology or Health Sciences and any of Physics, Geography and Economics.

**Procedures for selection:** Competitive Examination and interview

**Total Duration of Training: Three years (6 Semesters)**

College/classroom theory: Two years

Practical Placement/Internship: 12 months.

System of Practical placement: **(70% community based and 30% health facility based).**

**CERTIFICATE AWARDED:** Professional Diploma in Community Health

#### **6.0 PROFESSIONAL / LICENSURE EXAMINATION**

This will be conducted by the appropriate Registration Board or Council at the country level on the practice of Community Health for the prospective diplomats of community health. Students are to be presented for the examination by the College (as applicable) at the end of the Second Semester of the 200 Level. Only those successful in the professional examination will be qualified for posting on internship. However prospective diplomat students who fail the first attempt will only be allowed a maximum of three consecutive re-sits examination failure which should be advised to withdrawn

#### **7.0 MINIMUM QUALIFICATION FOR TRAINERS/TUTORS**

The Trainers in addition to professional registration with appropriate regulatory bodies shall possess a minimum of:

- a. Bachelor of Science in Community Health (or health related discipline)
- b. Post Graduate Diploma in Community Health Education or equivalent.
- c. Masters or Doctorate degrees.



## **8.0 COORDINATING BODY FOR FINAL PROFESSIONAL EXAMINATIONS**

There shall be a final examination body to coordinate and standardize Community Health Practitioners examination across the region in collaboration with individual National professional regulatory bodies. This shall involve both the Anglophone and Francophone speaking countries.

## **9.0 MINIMUM FACILITIES REQUIRED FOR THE PROGRAMME.**

- (a) At least Six (6) Units of class room blocks with a capacity for 50 students per class
- (b) Computer Laboratory,
- (c) General laboratory (Physics; Chemistry and Biology)
- (d) Demonstration Rooms/Skills Laboratory
- (e) Functional Demonstration Clinic within the Institution, which shall serve as Practice sites for students, and meet the health needs of students and the catchment populations
- (f) Library comprising; Book Section, E- Library section and Internet Connection.
- (g) Adequate means of Transport for Students field trips, at a 32 Seated Bus and a vehicle for supervision.
- (h) Regular source of Potable Water Supply
- (i) Regular source of Electricity Supply
- (j) Adequate Hostel Accommodation
- (k) Recreational Facilities
- (L) Designate at least Six (6) functional health facilities with the right mix of staff, for rural and urban supervised Clinical and Community-Based practical experiences.
- (m) Adequate Security
- (n) Basic Medical Laboratory for training and practical in diagnostic skills

## **10.0 ENTRY POINT INTO PUBLIC AND PRIVATE SERVICES:**

This is dependent on each Member State's entry point for Technician Cadre into the Service.

## **11.0 LEVEL OF INVOLVEMENT OF OTHER STAKEHOLDERS**

The following under listed stakeholders may be involved in the training by providing support in the area of materials, funds and manpower.

- a) Governments
- b) Communities
- c) Students Associations
- d) Alumni Associations
- e) Professional Association
- f) NGOs/ Charity organisations
- g) Regulatory Body
- h) International Organisations and
- i) Any other stakeholders

## **12.0 TEACHING AND LEARNING METHODS**

The programme emphasizes student's development of practical skills hence the need for mastery learning strategies in teaching. However, group discussions, seminars, role plays, laboratory investigations, assignments, demonstrations, field trips, and projects will contribute effectively to the development of essential skills needed by the Community-based Health Workers.

## **13.0 REQUIREMENTS FOR GRADUATION**

A candidate must have made a minimum of 75% class room attendance and practical / field work in approved training institution. Candidate must also have passed each of the unit courses at not less than 50% in all the examinations conducted during the training programme. A candidate who fails the final examination after three consecutive attempts shall be withdrawn from the programme.

Evaluation shall be based on coursework assessment and terminal examination for each course. The coursework assessment shall make up 30% while the final course examination will be 70% to make up the maximum of 100%.

## **14.0 GRADING SYSTEM**

<b>SN</b>	<b>Percentage Score</b>	<b>Letter Grade</b>	<b>Class of Pass</b>
1	80% - 100%	A	Distinction
2	70% - 79%	B	Upper Credit
3	60% - 69%	C	Lower Credit
4	50% - 59%	D	Pass
5	0% - 49%	F	Fail

## PROGRAMME OUTLINE

### PROFESSIONAL DIPLOMA IN COMMUNITY HEALTH

#### FIRST YEAR, FIRST SEMESTER

CODE	COURSE	DURATION		UNITS
		Theory	Practical	
GES 101	Communication in English	30hrs	-	2
CHD 101	Anatomy and Physiology I	15hrs	15hrs	2
CHD 103	Community Health Practice and Professional Ethics	15hrs	-	1
GEO 105	Climate Change and Contemporary Issues	15hrs		1
CHD 107	Introduction to Primary Health Care	30hrs	-	2
GES 103	Use of Library	10hrs	5hrs	1
CSC 101	Computer application in Health Services	15hrs	15hrs	2
BSC 101	Introduction to Basic Sciences	15hrs	15hrs	2
GES 105	Citizenship Education	15hrs	-	1
CHD 109	Human Nutrition	15hrs	15hrs	3
PSY 101	Introduction to Psychology	30hrs	-	2
FRE 101	Functional French I	15hrs	-	2
	TOTAL	220hrs	95hrs	21

#### FIRST YEAR, SECOND SEMESTER

CODE	COURSE	DURATION		UNITS
		Theory	Practical	
CHD 102	Principles & Control of Communicable Disease	15hrs	15hrs	2
CHD 104	Information, Education and Communication	15hrs	15hrs	1
CHD 106	Basic Clinical Skills and Procedures	15hrs	30hrs	3
CHD 108	Principles & Control of Non-Communicable and Chronic Diseases	15hrs	15hrs	2
CHD 110	Demography and Health Statistics	15hrs	15hrs	2
CHD 102	Anatomy and Physiology II	15hrs	15hrs	2
CHD 102	Principles of Epidemiology	15hrs	15hrs	2
CHD 112	Introduction to Environmental Health	15hrs	15hrs	2
CHD 116	Accidents and Emergencies	15hrs	15hrs	2
CHD 118	Immunity and Immunization	15 hrs	15hrs	1
CHD 120	Supervise Clinical Experience I	20hrs	40hrs	
FRE 102	Functional French II	5hrs	10hrs	2
	TOTAL	195hrs	210hrs	21

**SECOND YEAR, FIRST SEMESTER**

CODE	COURSE	DURATION		UNITS
		Theory	Practical	
CHD 201	Reproductive Health I	30hrs	30hrs	2
CHD 203	Child Health / IMNCI	15hrs	30hrs	2
STA 201	Research Methodology	30hrs	-	1
CHD 205	Community Mental Health	15hrs	15hrs	1
HIM 201	Health Information Management Systems	10hrs	5hrs	1
CHD 207	Primary Ear, Nose and Throat Care	5hrs	10hrs	2
CHD 209	Primary Eye Care	5hrs	10hrs	1
CHD 211	Supervised Clinical Experience (SCE) II	20hrs	40hrs	
CHD 213	School Health Programme	15hrs	15hrs	2
MLT 201	Introductory Microbiology	5hrs	10hrs	1
CHD219	Oral Health	5hrs	10hrs	1
PHA 201	Introductory Pharmacology	5hrs	10hrs	1
MLT 203	Laboratory Services	5hrs	10hrs	1
CHD 215	Treatment Protocols	20hrs	40hrs	2
CHD 217	Introduction of Medical Sociology	30hrs	-	1
	<b>TOTAL</b>	<b>210hrs</b>	<b>225hrs</b>	<b>19</b>

**SECOND YEAR, SECOND SEMESTER**

CODE	COURSE	DURATION		UNITS
		Theory	Practical	
CHD 202	Introduction to Geriatrics and Gerontology	5hrs	10hrs	1
CHD 204	Care of the Atypical	5hrs	10hrs	1
HRM 201	Human Resource Training	15hrs	-	1
CHD 206	Primary Health Care Management	10hrs	20hrs	2
CHD 218	Biomedical and Health Care Wastes	15hrs	15hrs	1
CHD 208	Occupational Health and Safety	15hrs	15hrs	2
CHD 210	Referral systems and Outreach Services	5hrs	10hrs	1
CHD 212	Research Project			3
BUS 201	Entrepreneurial Skills	15hrs	-	1
PHA 202	Essential Drug Supply System	10hrs	5hrs	1
CHD 214	Supervised Community Based Experience I	20hrs	40hrs	
CHD 216	Reproductive Health II (including Adolescent Health)	15hrs	15hrs	2
CHD 217	Community Planning, Analysis & Participation	10hrs	20hrs	2
ECO 202	Health Economics	30hrs	-	1
CHD 217	Professional Practice Paper			2
	<b>TOTAL</b>	<b>155hrs</b>	<b>145hrs</b>	<b>19</b>

**NOTE:**

- All courses are compulsory at this level.
- All Supervised Clinical and Community-Based Experience shall be taught, but not credited.

## **DESCRIPTION OF COURSES**

### **FIRST YEAR, FIRST SEMESTER**

**COURSE TITLE/CODE : GES 101 COMMUNICATION IN ENGLISH**

**DURATION : 30 Hours**

**CREDIT UNITS : 2**

**GOAL:** This course is intended to improve the student's levels of proficiency and competence in the use of English Language.

#### **GENERAL OBJECTIVES:**

On completion of this course the student should be able:

1. Know proper use of English as a language of communication
2. Know how to construct good sentences
3. Understand the concept/purpose of effective oral communication
4. Know how to reason and apply the basic principles of logic
5. Know how to write different type of essays
6. Understand registers.
7. Understand the principle of correspondence.
8. Know how to apply the principle of writing for publication
9. Know how to write a report.

Performance Objectives 1

#### **Know proper use of English as a language of communication**

- Explain the proper use of punctuation.
- Explain paragraphing and thought flow.
- Discuss the techniques of spellings/ medical spellings.

Performance Objectives 2

#### **Know how to construct good sentences**

- Explain the different type of sentences
- Explain the parts of a sentence
- Explain tenses
- Construct sentences to depict correct use of tenses
- Explain Concord
- Analyze types of Concords
- Apply the rules of concord in sentence construction.

Performance Objectives 3

#### **Understand the concept/purpose of effective oral communication**

- Carry out proper interrogation in the health facility and in the community.
- Give adequate / proper instructions to clients and their relations, etc.
- Give adequate descriptions of Instruments, tools, drugs, diseases, etc.

#### Performance Objectives 4

##### **Know how to reason and apply the basic principles of logic**

- Explain the concept of logical thinking.
- Explain the basic principles of logic, viz: form validity and argument.
- Apply the principles of logic to distinguish fact from opinion.
- Differentiate between deductive and inductive reasoning.
- Apply the principles of logic in deductive and inductive reasoning.
- Explain the premise as a step towards the conclusion.

#### Performance Objectives 5

##### **Know how to write different type of essays**

- Explain the different types of essays.
- Explain the Characteristics of each type above.
- Explain the logical orders of presentation. e.g. chronological, spatial, general-to-specific, specific-to general, alternative, alternation, inductive, deductive, etc.
- Write an expository essay
- Write argumentative essay

#### Performance Objectives 6

##### **Understand registers**

- Explain registers
- Explain factors influencing register, viz; field (profession), mode (speech or writing), tenor (relationship between the interacting parties).
- List some items of register peculiar to different professions.
- Identify items of register in a given passage.
- State appropriate uses of jargon.

#### Performance Objectives 7

##### **Understand the principle of correspondence**

- Describe different types of business letters e.g. applications, enquiries, invitations and complaints.
- Use suitable language for a specific type of letter.
- Write the letters in the first point above

#### Performance Objectives 8

##### **Know how to apply the principle of writing for publication**

- Explain the techniques of writing for publication.
- Write essays on topical and current issues.
- Analyze published essays of literary value
- Evaluate the development of ideas in a given article.
- Write good articles for publication.

#### Performance Objectives 9

##### **Know how to write a report**

- Define a report, list the types of reports, write a report, enumerate uses of reports, list the characteristics of a good report, outline the stages of writing a report, evaluate a given report.

**COURSE TITLE/CODE : CHD 101 ANATOMY AND PHYSIOLOGY 1**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to acquaint the student with knowledge of Anatomy and Physiology of the Human Body.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to;

- 1.0 Understand the structures of the human body
- 2.0 Understand the chemistry of life
- 3.0 Understand the cells, tissues, glands, membranes and organs of the body
- 4.0 Understand the tissue structure and function
- 5.0 Understand blood and its composition
- 6.0 Understand the cardiovascular system
- 7.0 Understand the heart
- 8.0 Understand the Lymphatic system

Performance Objectives 1

**Understand the structures of the human body**

- State the levels of structural complexity within the body
- Define the term internal environment and homeostasis
- Compare and contrast negative and positive feedback control mechanisms.
- Outline the potential factors associated with homeostatic imbalance.
- Briefly describe the body transport system
- Enumerate the roles of nervous and endocrine systems in internal communication
- Outline how raw materials are absorbed by the body
- State the waste materials eliminated from the body
- Outline activities undertaken by an individual for protection and survival

Performance Objectives 2

**Understand the chemistry of life**

- Define the following terms; atomic number, atomic weight, isotope, molecular weight, ion, electrolyte, pH, Acid and alkali
- Compare and contrast the processes of osmosis and diffusion.
- Describe how molecules move within and between body compartments
- Define intra-and extra cellular fluid
- Use examples to explain why homeostatic control of the composition of these fluids is vital to body functions.

Performance Objectives 3

**Understand the cells, tissues, glands, membranes and organs of the body**

- Define a cell and describe the structure and functions of cell membrane
- Describe the structure of the plasma membrane Explain the functions of the organelles: nucleus, mitochondria, ribosome, endoplasmic reticulum, Golgi apparatus, Lysosomes, microtubules and microfilaments

- Enumerate the two (2) types of cell division
- Define the term 'mutation'
- Compare and contrast active, passive and bulk transport of substances across cell membranes
- Describe the process of protein synthesis.

#### Performance Objectives 4

##### **Understand the tissue structure and function**

- Describe the structures and functional characteristics of tissues: epithelial, connective tissue, muscles, tissue and nervous tissue.
- Enumerate and explain the capacity of different types of tissues.
- Define and categorize glands
- Compare and contrast the structure and functions of exocrine and endocrine glands
- List the structural and functional characteristics of mucous and serous membranes
- Define common anatomical terms
- Identify the principal bones of the axial skeleton and the appendicular skeleton.
- State the boundaries of the four body cavities.
- List the contents of the body cavities
- List and discuss the common conditions that affects body tissue

#### Performance Objectives 5

##### **Understand blood and its composition**

- Define and list the functions of Blood
- Name the chemical components of plasma and their functions.
- Describe the origin and production of the formed elements.
- Describe the structure, functions, formation and life history of erythrocytes including the systems used in medicine to classify the different types.
- Discuss the structures, functions and formation of the five different types of leukocytes.
- Describe the origin, structure and the role of platelets in blood clotting
- Explain the basis of ABO and Rh system incompatibilities

#### Performance Objectives 6

##### **Understand the cardiovascular system**

- Describe the structure and function of arteries, veins and capillaries
- Describe the pulmonary part of the circulatory system
- List the major arteries supplying blood to all major body structures and describe their functions.
- Describe the venous drainage involved in returning, blood to heart from the body.
- Explain the mechanism by which exchange of nutrients, gases and wastes occurs between the blood and the tissues.
- Define the term Blood Pressure and how it can be measured.
- Differentiate between normal range and abnormal range in Blood Pressure in various age groups.
- Define the term Pulse and list the main sites of the body where it can be detected.
- State the normal and abnormal pulse rate.
- Describe the disease condition of the blood and the circulatory system



## Performance Objectives 7

### **Understand the heart**

- Describe the size, shape, chambers and location of the heart
- Explain the location and function of the coronary arteries
- Mention the valves of the heart and state their location and function.
- List the components of the heart muscles and describe the structure and functions of each.
- Trace the circulation of the blood through the heart and the blood vessels of the body
- Outline the conducting system of the heart.
- Describe the main factor determining heart rate and cardiac output

## Performance Objectives 8

### **Understand the Lymphatic system**

- Describe the composition and the main functions of lymphatic system.
- Describe the location and structures of lymph, lymphatic vessels, lymph nodes, tonsils, spleen and thymus gland

**COURSE TITLE/CODE :CHD 103 COMMUNITY HEALTH PRACTICE AND PROFESSIONAL ETHICS**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is designed to initiate the student into the ethics of Community Health Practice.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand basic concepts/theories relevant to Community Health Practice
- 2.0 the role of Ethics in Community Health Practice
- 3.0 Understand the legal aspects of Community Health Practice
- 4.0 Understand the concept of morality.

Performance Objectives 1

**Understand basic concepts/theories relevant to Community Health Practice**

- Define Community Health. And Public Health
- Explain the rationale of community health practice.
- Components of Community Health Practice
- Explain the roles of community health practitioner in providing health services to various communities.
- Identify basic health need within the various communities.
- Differentiate between health, wellness, illness and diseases.
- Explain the health/illness condition

Performance Objection 2

**Understand the role of Ethics in Community Health Practice**

- Define Ethics
- Explain the history of medical ethics (including the Physician's Oath)
- Explain the professional ethics in Community Health Practice stressing.
  - Community Health worker – client relation ship
  - Community Health worker -community relationship.
  - Community Health worker – professionals relationship.
  - Community Health worker – other health professional relationship

Performance Objectives 3

**Understand the legal aspects of Community Health Practice**

- Explain the Legal aspects of community Health practice.
- Medico-Legal rights of clients

Performance Objectives 4

**Understand the concept of morality**

- Define morality
- Discuss concepts and dimensions of morality

- Describe the characteristics of morals
- Discuss indiscipline
  - Definition
  - Types
  - Causes
  - Solutions to problems of indiscipline
- Discuss Examination malpractices
  - Types
  - Factors responsible for examination malpractices
  - Immoral effects of examination malpractices on Health care services delivery.
- Solutions to the problem of Examinations malpractices.

**COURSE TITLE/CODE : CHD 102 PRINCIPLES OF EPIDEMIOLOGY**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to enable the student to acquire the knowledge of distribution, determinants and dynamics of diseases in human population.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the general principles of epidemiology
- 2.0 Know the various methods of disease transmission.
- 3.0 Know the principles of control of communicable diseases.
- 4.0 Know the general principles of investigation of epidemics.
- 5.0 Know how to plan and implement campaign programmes to control epidemic diseases

Performance Objectives 1

**Understand the general principles of epidemiology**

- Definition, scope of epidemiology.
- Types of Epidemiological studies
- Measurement of disease frequency
- Explain the significance of the study of epidemiology.
- Define the following terms: incidence, prevalence, communicable endemic, sporadic, pandemic, antibodies, immunity, surveillance, causative agent, reservoir of infection, carrier control, prevention, resistance, vector, antigen, etc.
- Describe the six (6) infectious disease process

Performance Objectives 2

**Know the various methods of disease transmission**

- Explain the various reservoir of disease causative agents with examples on each i.e.
  - Man
  - Animals
  - Non-Living things
- Explain the following modes of transmission of communicable diseases.
  - Contact
  - Inhalation
  - Infection
  - Penetration of skin
  - Trans-placental infections

Performance Objectives 3

**Know the principles of control of communicable diseases.**

- State the various methods of control of communicable diseases in a community i.e.
  - Recognizing the infection and the confirmation of the diagnosis
  - Notifying the disease to the appropriate authority

- Finding the source of infection
- Assessing the extent of the outbreak by finding other cases and other exposed persons
- Describe other methods of controlling communicable diseases viz:
  - Eliminate reservoir of infection where possible
  - Interrupt the pathway of transmission
  - Protect the susceptible host
  - Vaccination
  - Health Education

#### Performance Objectives 4

##### **Know the general principles of investigation of epidemics**

- Explain the principal methods of investigation of an epidemic in a community: this is done through descriptive epidemiology in terms of:
  - Persons
  - Place
  - Time
- Collect and analyze epidemiological data through the following:
  - Registration of deaths
  - Notification of diseases and reporting of epidemics
  - Laboratory investigations of individual cases and epidemics

#### Performance Objectives 5

##### **Know how to plan and implement campaign programmes to control epidemic diseases**

- Plan campaign programmes through any of these methods:
  - Health Education
  - Mass vaccination which should include; Static centres, Mobile Vaccination operations, house-to-house campaign, village-to-village campaign, collection point campaign etc.

**COURSE TITLE/CODE : CHD 107 INTRODUCTION TO PRIMARY HEALTH CARE**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to provide the student with the necessary knowledge and skills needed to understand the basic principles of Primary Health Care and its components in the National Health Policy.

**GENERAL OBJECTIVES:**

On completion of the course the students should be able to:

- 1.0 Understand the concept of Health and Primary Health Care (PHC) according to WHO
- 2.0 Understand the Principles of PHC
- 3.0 Know components of PHC
- 4.0 Understand the development of the Health system since independence.
- 5.0 Know Health Team and its composition.
- 6.0 Understand the various cultural, socio-economic, environmental and personal factors affecting health.
- 7.0 Know micro-organisms and how they cause diseases
- 8.0 Understand the development of the current National Health Policy stressing the role of PHC.

Performance Objectives 1

**Understand the concept of Health and Primary Health Care (PHC) according to WHO**

- Define Health
- Define Primary Health Care

Performance Objectives 2

**Understand the Principles of PHC**

- Explain the principles of PHC to include
  - Equity
  - Appropriate Technology
  - Community Participation
  - Accessibility
  - Acceptability
  - Affordability
  - Intersectoral Collaboration

Performance Objectives 3

**Know components of PHC**

- Explain the Components of PHC as:
  - Education concerning prevailing Health Problems and the methods of preventing and controlling them.
  - Promotion of food supply and proper nutrition.
  - Adequate supply of safe water and basic sanitation.
  - Maternal and Child Health including Family Planning.
  - Immunization against the major infectious diseases.
  - Prevention and control of locally endemic diseases.
  - Appropriate treatment of common diseases and injuries
  - Provision of essential drug and supplies.

Other additional National Components are;

- Promotion and maintenance of good mental health.
- Primary Eye Care
- Care of the Atypical
- Care of the Elderly
- Care of the Adolescent
- Oral Health Care

Performance Objectives 4

**Understand the development of the Health system since independence**

- Describe the history of health services in the country.
- Organization and Management of the Health System

Performance Objectives 5

**Know Health Team and its composition.**

- Define Health Team
- List members of a Health Team
- Enumerate the functions of a Health Team
- Enumerate the advantages of a Health Team
- Identify the problems that can militate against a Health Team.

Performance Objectives 6

**Understand the various cultural, socio-economic, environmental and personal factors affecting health.**

- Define culture
- Explain the role of culture in Health
- Describe the socio-economic factors affecting Health.
- Enumerate the environmental factors that can affect health positively or negatively.
- Outline the personal factors that can promote or inhibit the Health of man

Performance Objectives 7

**Know micro-organisms and how they cause diseases**

- Define micro-organisms
- State the types of micro-organism e.g. virus, bacteria.
- Describe ways by which micro-organisms enter the body.
- Explain how micro-organisms can be prevented or controlled.

Performance Objectives 8

**Understand the development of the current National Health Policy stressing the role of PHC**

- Identify PHC as the basis for the National Health Policy.
- State the rationale for National Health Policy.

**COURSE TITLE/CODE : GES 103 USE OF THE LIBRARY**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** The course aims to enable students to acquire basic knowledge of the importance of library and library use.

Performance Objectives: At the end of this course the student should be able to understand:

- 1.0 The basic concepts of librarianship
- 2.0 The types and forms of library services.
- 3.0 The cataloguing and classification systems.
- 4.0 The use of the library in research.
- 5.0 Qualities of a good library.
- 6.0 The essential elements of a good library.
- 7.0 Library and ethics.
- 8.0 E-library



**COURSE TITLE/CODE : CSC 101 COMPUTER APPLICATIONS IN HEALTH SERVICES**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to enable the student to acquire knowledge and skills in the use of computer in health services and health data management.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Know basic unit/parts of computer
- 2.0 Know basic principles of data processing
- 3.0 Know word processing Software/Packages
- 4.0 Know how to Open, Use and Close Computer
- 5.0 Know how to use the Computer for data processing
- 6.0 Know how to create Charts for health data presentation
- 7.0 Know how to make Slides and Handouts with Microsoft Power Point
- 8.0 Know how to protect a document with security password.
- 9.0 Know Internet Application

Performance Objectives 1

**Know basic unit/parts of computer**

Explain the basic parts/units of computer system

Performance Objectives 2

**Know basic principles of data processing**

Explain the principles of data processing

Performance Objectives 3

**Know word processing Software/Packages**

- Define Word Processing Software/Packages
- Identify Word processing Software/Packages
- Discuss types and uses of application Software packages:
  - Accounting Package
  - Graphic Package
  - Computer Aided Device Package
  - Word Processing Package

Performance Objectives 4

**Know how to Open, Use and Close Computer**

- Explain the systematic process of starting, using and stopping the computer
- Identify Microsoft Word Screening Tools Bars and Scrolling buttons
- Explain the uses of the Screening Tool Bars and Scrolling buttons
- Explain how to open a blank new document page

- Type a document/Letter/Memo at an average of 20 words per minute.
- Use the necessary screening tools to perform the following;
  - Saving
  - Editing
  - Bolding the font
  - Previewing the document
  - Printing

#### Performance Objectives 5

##### **Know how to use the Computer for data processing**

- Explain the use of Microsoft Excel in data processing
- Explain how to open Microsoft Excel Window blank page
- Identify the rows, columns, active cell, sheet, navigation buttons and sheet tabs.
- Perform Mathematical Calculations with numeric formula, text formula, logical on data in a worksheet.
- Design columnar petty- cash voucher, table of staff nominal roll, student examination grade result etc

#### Performance Objectives 6

##### **Know how to create Charts for health data presentation**

- Define Chart
- Enumerate six (6) types of charts.
- Draw the enumerated charts above with the chart wizard.
- Use Charts to highlight incidence and prevalence of diseases

#### Performance Objectives 7

##### **Know how to make Slides and Handouts with Microsoft Power Point**

- Define Power Point Presentation
- Explain how to open Microsoft Power Point
- Explain how to use Auto, Content, Wizard, design template, Blank slide or existing presentation to create slides
- Explain how to insert objects and graphs into slides
- Explain how to create handouts and the rationale behind it

#### Performance Objectives 8

##### **Know how to protect a document with security password.**

Explain how to close and re-open a document with a security password

#### Performance Objectives 9

##### **Know Internet Application**

- Explain the Internet.
- Explain the uses of Internet.

**COURSE TITLE/CODE : BSC 101 INTRODUCTION TO BASIC SCIENCES**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to enable the student to learn the fundamental principles in physics, chemistry and mathematics.

### **General Physics**

The fundamental principles of mechanics, the mechanical properties of matter including elasticity, surface tension and viscosity, mechanical waves, thermal physics: the thermal properties including thermodynamics and elementary theory of the movement etc.

### **General Chemistry**

This course includes the basics in chemical reactions, electronic configuration, the nucleus and radioactivity, intermolecular bonds, the classification of elements, atomic orbital presentation, the scale of atomic properties, (concept of mole 1 and 2) the theory of motion and states of matter, First and second laws of gases, liquids and solids etc.

### **General Mathematics**

Set theory, subset, set union and intersection, finite sets, universal complement of a set, empty sets and Venn diagrams. Remainder theorem, inequalities, partial fractions, indices and logarithms, functions and relations between the roots of a quadratic equation and coefficients, binomial theorem, induction, permutation and combination. Expression matrices, Sine, cosine, tangent, circular and measuring small angles. Differentiation and integration. The equation of linear circles, ellipse, mean, mode, median, probability, variables, correlation, scatter diagram, test the importance of presentation and data.

**COURSE TITLE/CODE : GES 105 CITIZENSHIP EDUCATION**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is designed to expose students to the basic concepts, principles and provision of the country constitution.

**Performance Objectives**

- Describe the national system of government in the country
- Explain the constitutional rights and obligations of citizens
- Define citizenship
- Discuss the fundamental objectives and principles of national policy of the country.
- Explain the term constitution and the different types of constitution
- Discuss the merits and demerits of types of constitution
- Outline some provisions of international constitution
- Explain the importance of international constitution
- Explain the supremacy of the national constitution over other local or national laws
- Explain the process of drafting a constitution
- Explain the concept 'rule of law'.
- Describe a national government,
- Differentiate between a national government and a regional government,
- Describe the structure of a national system in your country,
- Analyze the relationship among national, regional and local government,
- Explain how revenue and resources are generated to the national government of your country.
- Explain the significance of right and obligation of citizens to the development of a country,
- Explain the fundamental rights of a citizen in a country especially for physically challenged access to health care.

**COURSE TITLE/CODE : CHD 106 BASIC CLINICAL SKILLS AND PROCEDURES**  
**DURATION : 45 HOURS**

**CREDIT UNIT : 3**

**GOAL:** This course is designed to equip the student with knowledge and basic skills in practical procedures which will enhance effective health care delivery.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

1. Understand the principles of interviewing
2. Understand the principles of physical examination of clients.
3. Understand how to monitor client's vital signs.
4. Understand the procedure for tepid sponging
5. Understand how to prepare and administer salt sugar solution (SSS) and oral rehydration solution (ORS).
6. Understand the principles of aseptic technique in clinical procedure.
7. Understand the procedure involved in wound dressing.
8. Understand the component of cold chain system
9. Understand the procedures of immunization of client against specific disease.
10. Understand various routes of administration of injections.
11. Understand the storage and administration of medications.
12. Understand the procedure for collecting urine
13. Understand the procedure for testing urine.
14. Understand how to estimate haemoglobin
15. Understand how to carryout oral examination and hygiene
16. Understand the procedure for visual acuity.
17. Understand the procedure for breast self-examination
18. Understand how to weigh a client.
19. Understand how to measure mid-arm circumference.
20. Understand the specific procedure in Community Health Practices

Performance Objectives 1

**Understand the principles of interviewing**

- Describe the procedure for interviewing a client/patient.
- Explain the need to communicate with the client/patient in a language he/she understands.
- Describe the process of establishing good rapport with clients.
- Explain the need to make a client/patient comfortable during interview.
- Interview and record information from the client.

Performance Objectives 2

**Understand the principles of physical examination of clients/patients.**

- Describe the process of physical examination of client/patients.
- Explain the need for each of the processes described above.
- Prepare trolley/tray for physical examination.
- Identify various positions for physical examination.

- Identify various methods of carrying out physical examination
- Carryout physical examination according to laid down rules in the Introduction to treatment protocols.

#### Performance Objectives 3

##### **Understand how to monitor client's vital signs**

- Define vital signs
- Identify abnormal vital signs and causes
- Describe four component of vital signs (TPR and BP)
- Identify instruments used for assessing the various vital signs.
- Identify the various sites used in assessing the various vital signs.
- Take reading and assess vital signs

#### Performance Objectives 4

##### **Understand the procedure for tepid sponging**

- Identify tepid water
- Identify the equipment for tepid sponging
- Explain reasons for tepid sponging
- Carryout tepid sponging

#### Performance Objectives 5

##### **Understand how to prepare and administer salt sugar solution (SSS) and oral rehydration solution (ORS)**

- Identify the materials used in preparation of salt sugar solution (SSS).
- List the components of salt sugar solution.
- Identify the needs for administration of salt sugar solution.
- Prepare salt sugar solution to correct strength
- Administer salt sugar solution to client who needs them.
- Teach mothers how to prepare salt sugar solution

#### Performance Objectives 6

##### **Understand the principles of aseptic technique in clinical procedure.**

- Define aseptic techniques.
- Explain the concept of aseptic technique.
- Describe the method of sterilization of instrument equipment and materials (physical/chemical).
- Sterilize instruments, equipment and materials
- Describe the method of disinfection (concurrent and terminal).
- Identify the contents of packs for various procedure (e.g. injection packs, dressing packs etc)
- Demonstrate the use of mask, gloves and gowns

#### Performance Objectives 7

##### **Understand the procedure involved in wound dressing.**

- Define Wound
- Describe types of wounds (incised, punctured, lacerated and contused).
- Identify the classes of wounds
- Prepare tray/trolley for wound dressing
- Dress wound applying aseptic techniques
- Care for drains in wounds
- Remove sutures from wounds

- Describe principles and techniques of bandaging
- Apply tourniquet to bleeding limbs.

#### Performance Objectives 8

##### **Understand the component of cold chain system**

- Define the cold chain system
- Identify components of cold chain system
- Identify the types of cold boxes and vaccine carrier and their uses.
- Discuss how to maintain a cold chain system.

#### Performance Objectives 9

##### **Understand the procedures of immunization of client against specific disease**

- Define immunization
- List the types of immunity
- Set immunization tray
- Carryout immunization
- Apply aseptic technique in immunization
- Identify the Principles / Rights of client towards safe injection by ensuring that;
  - The name on the prescription sheet is for the right patient.
  - The name of the drug on the prescription sheet is the same as the injection you are about to administer.
  - The medication can only be given by injection, not orally.
  - Only sterile non-reusable syringes are used.
  - You check dosage against patient's age, weight and the pharmacokinetics of the drugs you are giving.
  - The specific dosage interval is followed.
  - The correct route of administration of injection is used (i.e. intramuscular, intravenous, intradermal or subcutaneous).
  - The right temperature is maintained by constant checking of vaccine vial monitor (VVM)

Used needles and syringes are properly discarded immediately after use in appropriate safety box (do not recap needles).

#### Performance Objectives 10

##### **Understand various routes of administration of injections.**

- List various routes of administration of injections
- Describe the various methods of administering injections.
- Identify the equipment needed for the various method of injection.
- Identify the sites of various injections.
- Carryout administration of injection by aseptic techniques.

#### Performance Objectives 11

##### **Understand the storage and administration of medications**

- Identify the route of drugs administration.
- Set tray/trolley for administration of medication.
- Describe the procedures of drugs administration through various routes (orally, rectally, topically, etc).
- Administer drugs through various routes.
- Calculate ratio for dilution of lotion.

Performance Objectives 12

**Understand the procedure for collecting urine.**

Explain the various urine specimens (e.g. early morning, mid-stream, 24 hour-specimen, etc).

- Identify the various containers for collecting urine specimen (e.g. clean or sterile containers).
- Collect urine specimen for laboratory test.

Performance Objectives 13

**Understand the procedure for testing urine.**

- Identify various reagents for different test of urine (e.g. albustix, tablets, Accetest tablet. etc).
- Observe the colour, odour, quantity, reaction and specific gravity of urine specimen, etc.
- Test the urine for various indications.
- Interpret urine test result

Performance Objectives 14

**Understand how to estimate haemoglobin**

- Carryout haemoglobin estimation with the use of talquist paper, salhi, photo-haemoglobinometer method, etc.
- Read and interpret the result

Performance Objectives 15

**Understand how to carryout oral examination and hygiene**

- Identify types of teeth
- Identify instruments used for oral examination
- Set tray for oral examination and oral hygiene
- Carryout mouth examination
- Record and interpret the findings

Performance Objectives 16

▪ **Understand the procedure for visual acuity.**

- Define vision.
- Identify various method of carrying out visual acuity.
- Explain the five levels of vision.

Performance Objectives 17

**Understand the procedure for breast self-examination**

- Describe the anatomy of breast.
- Identify the various steps in breast self-examination.
- Carryout breast self-examination.
- Interpret the findings and advise.

Performance Objectives 18

**Understand how to weigh a client/patient**

- Identify the appropriate scale for client/patient weighing
- Test the weighing scale and balance before weighing.
- Weigh a client.
- Chart the weight.
- Interpret the findings and advise

Performance Objectives 19



### **Understand how to measure mid arm circumference**

- Identify materials used in mid-arm circumference measurement.
- Explain the purpose and procedure for measuring mid-arm circumference.
- Measure mid-arm circumference.
- Interpret the findings and advise

Performance Objectives 20

### **Understand the Specific Procedure in community health practices**

- Identify specific procedure in community health practice e.g.
  - Circumcision
  - Catheterization
  - Episiotomy
  - Suturing of wound
  - Drip setting, etc
- Carryout each of the procedure above.

Explain the concepts, principles and importance of community health practices.

**COURSE TITLE/CODE : PSY 101 INTRODUCTION TO PSYCHOLOGY**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to enable the student to understand the dynamics of human behaviour in order to be able to adjust to situations and work effectively with others.

**GENERAL OBJECTIVES:**

On completion of this course student should be able to:

- 1.0 Understand the basis of human behaviour
- 2.0 Know the development of behaviour
- 3.0 Understand the principles of personality development
- 4.0 Know the process of learning
- 5.0 Understand the human memory
- 6.0 Understand human emotions
- 7.0 Comprehend the processes of attitude formation and change

Performance objective 1

**Understand the basis of human behaviour**

- Define Psychology.
- Outline or trace the development of psychology as efforts to understand human behaviour.
- Describe methods of studying human behaviour e.g. testing, experimentation, case study, etc.
- Analyze the interplay between psychology and other social sciences (Sociology, Economics, etc).
- Identify motives for behaviour (drives, needs, instincts, etc)

Performance objective 2

**Know the development of human behaviour**

- Define cognitive development.
- Describe the stages of development – infancy, adolescence and puberty.
- Explain Perception

Performance objective 3

**Understand the principles of personality development**

- State models of personality.
- Describe behaviourism

Performance objective 4

**Know the process of learning**

- Define learning
- Discuss the theory of learning
- List types of learning.
- State methods of learning.

Performance objective 5

**Understand the human memory**

- Explain short-term memory.
- Explain long-term memory.
- Define forgetting.

Performance objective 6

**Understand human emotions**

- Define emotions
- Describe types of emotions
- Explain causal factors of emotions
- Analyze expression of emotions

Performance objective 7

**Comprehend the processes of attitude formation and change**

- Describe development of attitude
- Identify the components of attitude
- Analyze consistency theories of prejudice
- Explain change of attitude

**COURSE TITLE/CODE : FRE 101 FUNCTIONAL FRENCH 1**

**DURATION : 15 HOURS**

**CREDIT UNITS : 2**

**GOAL** This course is designed to enable the student to understand the basic level of French and to be able to communicate or speak with others in French thus enabling them to adjust to situations and work effectively in any West African country.

**Objectives:** The students from English speaking countries must be taught basic functional French that would enable them speak, read, write and interact with people across borders or with people from other language background. This will promote the spirit and fulfil the primary aim of harmonization and mobility of health professionals within the region. The content should be according to the approved content of relevant department of the domicile Institution but must include all elements of basic level French with specific examples. The course should be handled by a French language specialist or teacher.

## **FIRST YEAR, SECOND SEMESTER**

**COURSE TITLE/CODE : CHD 102 PRINCIPLES AND METHODS OF CONTROL OF COMMUNICABLE DISEASES**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

GOAL: This course is to enable students acquire knowledge on specific communicable diseases, their prevention and control.

**General objectives:** At the end of this course the student should be able to:

1. Understand the principles and method of the fight against common communicable diseases.
2. Understand the concept of immunity and immunization, know the various types and purposes.
3. Understand the various communicable diseases and related diseases.
4. Understand the policies and intervention strategies in the fight against these diseases

Performance Objective 1

### **Understand the principles of the fight against common communicable diseases**

- Build on prior knowledge of these communicable diseases, immunity and immunization.
- Describe the level of control and apply this to all communicable diseases:
  - a. Health Promotion
  - b. Prevention of disease-specific
  - c. Diagnosis and early treatment
  - d. Limitation of disability
  - e. Rehabilitation

Performance Objective 2

### **Understand the concept of immunity and immunization, know the various types and purposes**

- Explain the types of defence mechanisms i.e., structural, chemical and cellulose
- Explain the principle of the cold chain and its importance to community health

Performance Objective 3

### **Understand the various communicable diseases and related diseases.**

Explain the following and state the relationships that exist between them:

Bacteria and infection

Bacteria and vaccine

Virus, HIV-infection and viral vaccine

- Protozoa and malaria
- Amoebiasis
- Mould
- Mésozoaire

Performance Objective 4

### **Understand the policies and intervention strategies in the fight against these diseases**

Explain the modes of transmission of communicable diseases

Explain the national malaria control programme  
Explain the national tuberculosis control programme  
Explain the control program of HIV / AIDS  
Explain the national filariasis control programme

**COURSE TITLE/CODE : CHD 104 INFORMATION, EDUCATION AND  
COMMUNICATION**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is aimed at providing the student with the knowledge and skills to design and implement health education and health promotion activities in the community.

**GENERAL OBJECTIVES:**

On completion of this course the student should be able to:

- 1.0 Understand the principles and rationale of health education
- 2.0 Understand the various IEC media
- 3.0 Understand the general principles of communication
- 4.0 Design health education programmes to address health needs of the community.
- 5.0 Understand processes involved in planning, implementing, monitoring and evaluation of health education programmes in the community.
- 6.0 Understand how to develop and use health instructional materials.
- 7.0 Understand how to organize and deliver health education activities.

Performance objective 1

**Understand the principles and rationale of health education**

- Explain the principles of health education to include:
  - Clarity
  - Adaptability
  - Participation
  - Simplicity
  - Comprehension
  - Reinforcement
  - Motivation
  - Communication
  - Leadership
- Explain the rationale of health education:
  - Every health behaviour has a cause.
  - Environment influences health behaviour
  - Health education is totally oriented on the holistic setting of man.
  - Changes in health behaviour depends on existing health education
  - Lasting health behaviour depends on effective health education
  - Continuous evaluation is an integral part of the practice of health education.

Performance objective 2

**Understand the various IEC media**

- Explain the various IEC media to include:
  - Interpersonal media
  - Print media
  - Electronic media
- Explain the methods employed in Health Education.

Performance objective 3

**Understand the general principles of communication**

- Explain elements of good communication.
- Explain various aids in communication.
- Explain the facilitators and barriers to good communication.
- Explain the interpersonal communication skills.
- Identify strategies for overcoming barriers to interpersonal communication

Performance objective 4

**Design health education programmes to address health needs of the community.**

- Explain how to prepare master plan for community health education programmes to address identified health needs.
- Design Master Plan for community health education programme.
- Design and use teaching/learning aids for health education; including Visual, Audio visual, Audio, etc.
- Identify community groups and other non-governmental organizations for participation in health programmes.
- Arrange for development and adoption of materials for Health Education

Performance objective 5

**Understand processes involved in planning, implementing, monitoring and evaluation of health education programmes in the community.**

- Explain the sequence of carrying out health education such as:
  - Assessing the situation
  - Diagnosing the problem
  - Programme planning
  - Implementation
  - Evaluation

Performance objective 6

**Understand how to develop and use health instructional materials**

- Arrange for development and adoption of materials for Health Education at:
  - The Village level with volunteers and TBAs
  - The Health facility level.
  - The District/Ward level.
  - The Local Government level with LGA Health Team and State Health Team

Performance objective 7

**Understand how to organize and deliver health education activities**

- Change human behaviour.
- Carry out a health education talk.
- Undertake a demonstration and return demonstration.
- Make a poster.
- Make a flip chart.
- Carry out health training programme.
- Organize displays and exhibitions.
- Use songs appropriately during health education activities.
- Undertake prevention and control of Emergent and Re-emerging Diseases using the Behaviour Change Communication (BCC) approach



**COURSE TITLE/CODE : CHD 109 HUMAN NUTRITION**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to provide the student with the knowledge of food and adequate nutrition, as a means of achieving optimal health of community members.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the importance food and adequate nutrition
- 2.0 Understand the importance of food security in the community
- 3.0 Understand the common nutritional disorders in the community
- 4.0 Understand Nutritional assessment methods.

Performance Objective 1

**Understand the importance of food and adequate nutrition**

- Define food and types
- Identify local foods which can produce adequate diet for different ages and conditions
- Define nutrition and related factors of over nutrition and under nutrition in general terms.
- e.g. infancy, pregnancy, elderly.
- Discuss the importance of good nutrition to growth, development and prevention of diseases.

Performance Objective 2

**Understand the importance of food security in the community**

- Define food security
- Discuss the process involved in ensuring adequate food security, taking cognizance of:
  - Food production
  - Food processing
  - Food storage
  - Exclusive breast feeding in the first 6 months of life

Performance Objective 3

**Understand the common nutritional disorders in the community**

- Enumerate common nutritional disorders in the community.
- Describe the methods of assessing nutritional status of children 0-5 years in the community.
- Explain the prevention and management of common nutritional disorder.

Performance Objective 4

**Understand Nutritional assessment methods.**

- Discuss nutritional assessment methods viz:
  - (a) Indirect;
    - Pattern of breast feeding
    - Family menu/budget
    - Socio economic status of the family, etc
  - (b) Direct;
    - Anthropometric  
Measurement: Height, Weight, Mid Upper Arm, Circumference, etc
    - Physical examination , - Laboratory investigation (haemoglobin estimation, etc).

**COURSE/CODE : CHD 108 PRINCIPLES AND METHODS OF CONTROL OF NON-COMMUNICABLE AND CHRONIC DISEASES**

**DURATION : 30 HOURS**

**UNIT : 2**

**GOAL:** This course aims to enable students acquire knowledge and skills to be able to identify, treat and fight against the emergence of, these non-communicable and chronic diseases

General objectives: At the end of this course, students should be able to:

1. Know the non-communicable and chronic diseases and their prevalence in the community.
2. Know the magnitude of these diseases among high-risk groups
3. Know the causes and factors that predispose to these diseases and conditions.
4. Know the signs and symptoms of these diseases
5. How to treat these diseases as laid down in treatment protocols
6. Know the role of the individual, family, community, national and international agencies in the fight against these diseases

Performance Objective 1

**Know the non-communicable and chronic diseases and their prevalence in the community**

- Define the NCD
- Distinguish common non-communicable diseases:
- List the non-communicable diseases: hypertension, diabetes, cancer
- Classify non-communicable diseases into two groups: Congenital and acquired

Performance Objective 2

**Know the magnitude of these diseases among high-risk groups**

- Identify high-risk group i.e. the elderly and the obese
- Describe the prevalence of non-communicable diseases among the high risk groups in the community

Performance Objective 3

**Know the causes and factors that predispose to these diseases and conditions**

- List the common factors associated with non-communicable diseases
- Identify the factors that predispose clients to these non-communicable (example genetic or hereditary factors etc.)
- Provide control measures against these non-communicable examples food / nutrition, environmental control etc.
- Explain the effects of traditional practices and lifestyles in relation to the existence of non-communicable diseases.

Performance Objective 4

**Know the signs and symptoms of these diseases**

Describe the signs and symptoms of each non-communicable diseases mentioned in the above

Performance Objective 5

**How to treat/advise these diseases as laid down in treatment protocols**

- Diagnose non-communicable diseases with tools such as: thermometer, sphygmomanometer, stethoscope and laboratory
- Understand diagnosis of communicable disease as compared to non-communicable diseases
- Identify ways of rehabilitation of a patient suffering from non-communicable and chronic diseases

Performance Objective 6

**Know the role of the individual, family, community, national and international agencies in the fight against these diseases**

- Identify the role of family, community and government in the fight against non-communicable and chronic diseases
- Identify the international and national agencies that help the rehabilitation of people with communicable and non-communicable diseases
- Explain the activities of these agencies in the management of non-communicable and chronic diseases

**COURSE TITLE** : **CHD 110 DEMOGRAPHY AND HEALTH STATISTICS**  
**DURATION** : **30 HOURS**  
**UNIT** : **2**

**GOAL:** This course is designed to enable the student to acquire knowledge and skills in basic Demography and Health Statistics.

**GENERAL OBJECTIVES:-**

On completion of this course, the student should be able to understand the importance or relevance and application of the knowledge and skills of demography and health statistics in health care services as community health workers

**In Demography, the student should be able to:**

- 1.0 Understand the definition and meaning of basic demography
- 2.0 Understand the definition and meaning of population
- 3.0 Understand the meaning of population structure
  - Population age composition
  - Population sex composition
- 4.0 Compute the birth rate, death rate, growth rate and the rate of natural increase of their communities/country
- 5.0 Understand how to compute the national figures on infant, mortality, fertility rates and how they affect social economic development
- 6.0 Migration and how it affects the communities

In Health statistics, the student should be able to:

- 1.0 Understand the meaning and importance of vital statistic
- 2.0 Understand the nature, scope and uses of vital statistics in health care system
- 3.0 Understand statistical terminologies and concepts
- 4.0 Know data collection and collation techniques in Health statistics
- 5.0 Understand organization and presentation of Health Data
- 6.0 Know the measures of Central Tendency
- 7.0 Know the measures of Spread/Dispersion
- 8.0 Know the measures of Relationship/Correlation
- 9.0 Know how to compute some Non-Parametric and Parametric Tests
- 10.0 Understand epidemiological statistics

1.0 Performance Objective 1

**Understand the nature, scope and uses of demography and health statistics in health care system**

- Discuss the nature, scope and uses of demography and health statistics
- List various sources of health statistics

Performance Objective 2

**Understand demography and health statistical terminologies and concepts**

- Explain demography and health statistical terms and concepts in health statistics;
  - Variable
  - Parameter
  - Statistics

Performance Objective 3

**Know data collection and collation techniques in Health statistics**

- Explain Regular and Ad-hoc data
- Explain various ways/techniques of collecting data in health i.e. ;
  - Records
  - Observation
  - Experiment
  - Questionnaire, etc.

Performance Objective 4

**Understand organization and presentation of Health Data**

- Explain how data is organized into grouped and ungrouped
- Explain various ways of presenting data;
  - Frequency Table
  - Histogram/Polygon
  - Charts

Performance Objective 5

**Know the measures of Central Tendency**

- Explain Central Tendency
- List and explain the various measures of Central Tendency:
  - Mean
  - Median
  - Mode
- Compute Mean, Media and Mode

Performance Objective 6

**Know the measures of Spread/Dispersion**

- Explain Spread/Dispersion
- List and Define the various measures of Spread:
  - Range
  - Quartile deviation
  - Variance and
  - Standard deviation
- Compute and interpret the measures above for ungrouped and grouped data
- State the advantages and disadvantages of items listed above.

Performance Objective 7

**Know the measures of Relationship/Correlation**

- Explain association between two variable
- Define and interpret Correlation
- List Correlation Techniques/Methods:
  - Pearson Product Correlation
  - Spearman Rank Order
  - Correlation
- Compute and interpret correlation using the methods above.

Performance Objective 8

**Know how to compute some Non-Parametric and Parametric Tests**

- Explain Non- parametric and Parametric Tests
- Compute and interpret Non-parametric Tests i.e., Chi-Square, Median Test, Wilcoxon Sign Test.
- Compute and interpret Parametric Tests i.e., z-test, the t-test, analysis of variance etc.

Performance Objective 9

**Understand epidemiological statistics**

Discuss the following:

- Measures of morbidity
- Measures of mortality
- Measures of fertility
- Population dynamics

**COURSE TITLE/CODE** : **CHD 112 BIOMEDICAL AND HEALTH CARE  
WASTES**  
**DURATION** : **30 HOURS**  
**UNIT** : **2**

**GOAL:** This course is aimed at equipping the student with the knowledge and skills to understand the classification and management of biomedical and health care waste.

**Performance objectives**

- Define and classify biomedical and health care waste.
- Identify sources and health impacts of biomedical and health care waste.
- Explain planning techniques in biomedical and health care waste management,
- Understand the process of handling and transportation of BHCWs
- Explain waste minimization, recycling, and reuse.
- Describe the role of legislation in biomedical and health care waste
- Describe the treatment technologies for biomedical and health care waste.
- Describe the various disposal methods of biomedical and health care waste.
- Outline the health and safety rules for personnel and associated workers.
- Describe infection control procedures and emergency response,
- Outline the importance of training and retraining in biomedical and health care waste.

**COURSE TITLE/CODE** : **CHD 102 ANATOMY AND PHYSIOLOGY II**  
**DURATION** : **30 HOURS**  
**CREDIT UNITS** : **2**

**Goal:** The course aims to enable students to acquire knowledge on the importance of normal structures, functions and malfunctions of the body.

**Performance Objectives:** At the end of this course the student should be able to understand:

- Cells and tissues of the body;
- Joints and skeleton
- Electrolysis blood
- Balanced mix of acid and base and other liquids in the body.
- Study of various systems in the body i.e.
  - The cardiovascular system
  - The respiratory system
  - The genitourinary system
  - The digestive system
  - The reproductive system
  - Endocrine and lymphatic system etc.
  - The study of the special senses, nutrition etc.



**COURSE TITLE : GEO 105 CLIMATE CHANGE AND CONTEMPORARY ISSUES**

**DURATION : 15 HOURS**

**UNIT : 1**

**GOAL:** This course is designed to enable the student to understand climate change and other contemporary issues.

**Performance Objectives**

- Understand climate change and the climate system
- Explain the nature of climate change,
- Understand concept of green house, climate change: causes, indicators, impacts and ways to reduce global warming.
- Define solar ultraviolet radiation, causes, effects on human and animal health,
- Understand effect of climate change on the effect on aquatic organisms, the effect on air quality, effects on materials and structures,
- Understand photo degradation, microbial diversity, and microbial decomposition.
- Understand Ozone and ozone layer, health risks associated with the ozone layer:
- Understand the absorption of solar energy, hazards to humans, effects on the eye, effects on immune system and on the skin.
- Understand risk assessment of ozone depletion: quantitative assessment, cataract, sunburn and skin cancer,
- Know other opportunistic infections, mitigation with replacement of chlorofluorocarbons

**COURSE TITLE/CODE : CHD 114 INTRODUCTION TO ENVIRONMENTAL HEALTH**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to provide student with knowledge and skills of protecting the environment, provision of potable water in order to prevent diseases and promote healthy living in the community.

**GENERAL OBJECTIVES:**

On completion of this course the student should be able to:

- 1.0. Know the various types of environment
- 2.0. Know the components of environmental health in any community
- 3.0. Know environmental health hazards in any community.
- 4.0. Understand the relationship between air, water and soil pollution and human health.
- 5.0 Know types of waste water.
- 6.0 Know healthy living and housing, solid waste and excreta disposal methods in the community
- 7.0 Know various harmful vectors.
- 8.0 Know health and environmental health impact assessment

Performance Objective 1

**Know the various types of environment**

- Define the term environment
- Classify environment into the following types:
  - Physical (Abiotic), Biological (Biotic) and Occupational and Socio-cultural
- Describe the various types of environment listed above
- Describe the characteristics of the various types of environment.
- List examples of the various types of environment in the country

Performance Objective 2

**Know the components of environmental health in any community**

- Define Environmental Health.
- List components of Environmental Health.
- Discuss each component of Environmental Health.
- Discuss the relationship between health living and environment.

Performance Objective 3

**Know environmental health hazards in any community**

- Explain the term Environmental Health Hazards.
- Classify Environmental Health hazards into: physical, chemical, biological and socio-cultural (psychological).
- Describe examples of the four classes of environmental hazards listed above.
- Explain how each of the examples is related to Health.
- Explain how to control environmental hazards.

Performance Objective 4

**Understand the relationship between air, water and soil pollution and human health.**

- Define Air Pollution, Water Pollution and Soil Pollution.
- List sources of air pollution, water pollution, and soil pollution.
- State the relationship between air pollution, water pollution and soil pollution.
- State the effect of air, water and soil pollution on human health and human activity

Performance Objective 5

**Know types of waste water**

- Discuss natural water or wholesome water.
- List sources of water in the community.
- Explain waste water.
- State types of waste water.
- Identify sources of waste water in the community.
- State harmful effects of waste water.
- State how to prevent harmful effects of waste water in the community.
- List methods of water purification / treatment e.g. boiling, filtration, sedimentation, etc.
- Discuss each of the methods listed in above, stating their advantages and disadvantages.

Performance Objective 6

**Know healthy living and housing, solid waste and excreta disposal method in the community**

Describe ideal housing to sanitary amenities.

- Explain the simple methods of solid waste disposal in a community:
  - a. Burning
  - b. Composting
  - c. Sanitary landfill
  - d. Control tipping
  - e. Incineration, etc.

Identify the various methods of excreta disposal in a rural community.

- a. Trench latrine
- b. Ventilated Improve Pit (VIP) latrines, Aqua privy, etc.

Performance Objective 7

**Know various harmful vectors**

**Describe the role of vectors in relation to the causes of vector-born diseases ( female anopheles mosquito- malaria, rodent- Lassa fever, tsetse fly- yellow fever, etc)**

- Identify various household and community arthropods and vectors.
- Describe the ways in which injurious arthropods affect the health of man i.e.
  - Directly injurious arthropods
  - Indirectly injurious arthropods
- Classify insecticides into its various groups.
- Describe the methods of vector control in local communities (biological, mechanical and chemical).

**COURSE TITLE/CODE : CHD 116 ACCIDENTS AND EMERGENCIES**  
**DURATION : 30 HOURS**  
**CREDIT UNITS : 2**

**GOAL:** This course is designed to enable the student to acquire the knowledge and skills necessary for prompt recognition of accidents and emergencies for immediate management and referral.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the basic skills of first aids management.
- 2.0 Know common emergency conditions, diseases and injuries
- 3.0 Understand common signs and symptoms for surgical/medical emergencies and rational for prompt referral.
- 4.0 Know the types of specialist to which identified emergency condition may be referred
- 5.0 Know how to prevent accident at home and in the community.

Performance Objective 1

**Know common emergency conditions, diseases and injuries**

Identify emergency situations, diseases and injury e.g. acute abdominal conditions, shock, haemorrhage, head injury, fractures, mass casualty, etc.

Performance Objective 2

**Understand common signs and symptoms for surgical/medical emergencies and rational for prompt referral**

- Enumerate the signs and symptoms of medical/surgical emergencies as well as injury
- Describe first Aid treatments for all emergencies listed above
- Explain conditions that need prompt attention and referral e.g.
  - Bleeding into the peritoneum
  - Testicular torsion
  - Severe haemorrhage,
  - Shock from various causes, etc.

Performance Objective 3

**Know the types of specialist to which identified emergency condition may be referred**

Describe the specialist facilities to which referral should be done for various conditions i.e.

- Ruptured ectopic pregnancy – Gynaecologist
- Torsion of testes - Surgeon
- Strangulated hernia - Surgeon

Performance Objective 4

**Know how to prevent accident at home and in the community.**

Discuss accident prevention measures at home and in the Community

**COURSE TITLE/CODE : CHD 118 IMMUNITY AND IMMUNIZATION**  
**DURATION : 15 HOURS**  
**CREDIT UNIT : 1**

**GOAL:** This course aims to provide knowledge to the students on how to organize routine immunization ,mass campaign and cold chain maintenance

**Performance Objectives:**

- Introduction to immunology
- Innate and adaptive immunity;
- Antigen and antibody
- Antigen and antibody reaction,
- Immune response to infection,
- Immunity from the cell.
- immunity and infectious diseases
- State of hypersensitivity
- Prophylactic and therapeutic application of immunity,
- Self immunity and human disease,
- Transplantation immunology,
- State of immunosuppression and immune deficiency,
- Types of vaccine and supplies
- Their uses and method of administration
- Vaccine requisition, collection, storage and distribution of vaccines,
- Maintenance and cold chain system
- Organization of vaccination campaigns
- Transportation of vaccines and supplies

**COURSE TITLE/CODE : CHD 120 ORAL HEALTH**

**DURATION : 15 HOURS**

**UNIT : 1**

**GOAL:** This course is designed to enable the student to acquire the knowledge and skills necessary for early identification, management and control of oral health problems.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Know the anatomy and physiology of the mouth
- 2.0 Know the common oral diseases
- 3.0 Know the factors affecting oral health.
- 4.0 Know the general preventive and control measures of common oral diseases.
- 5.0 Know how to manage common oral diseases.
- 6.0 Know how to mobilize the community to promote positive oral health habits

Performance Objective 1

**Know the anatomy and physiology of the mouth**

- Explain anatomy and physiology of the mouth in relation to the teeth and gingivae.
- Explain the interrelations between tooth and gingivae

Performance Objective 2

**Know the common oral diseases**

- Discuss common oral diseases.
- Discuss the interrelations between the tooth, gingivae, dental plaque and common oral diseases

Performance Objective 3

**Know the factors affecting oral health**

Explain the effects of foodstuff and eating habits on oral health.

Performance Objective 4

**Know the general preventive and control measures of common oral diseases**

- Describe the various preventive and control measures of common oral diseases.
- Explain the preventive and control measures described above
- Design an oral health education programme for prevention and control of oral diseases in a community.

Performance Objective 5

**Know how to manage common oral diseases.**

- Discuss the management of oral diseases stressing oral health education.
- Manage complaints according to Introduction to treatment protocols.

**Performance Objective 6**

**Know how to mobilize the community to promote positive oral health habits**

Explain the steps involved in mobilizing the community in promoting positive oral health behaviour

**COURSE/CODE : CHD 122 SUPERVISED CLINICAL EXPERIENCE (SCE) I**  
**DURATION : 60 HOURS**  
**CREDIT UNITS : 3**

**GOAL:** This course is designed to expose the student to adequate skills in history taking and physical examination, for appropriate health management of patients.

**GENERAL OBJECTIVES**

On completion of this course, the student should be able to:

- 1.0 Understand high level history taking procedure
- 2.0 Know how to perform physical examination on clients.

Performance Objective 1

**Understand high level history taking procedure**

- Establish rapport with clients easily.
- Take history for various complaints taking cognizance of prevailing diseases

Performance Objective 2

**Know how to perform physical examination on clients**

Carry out physical examination on both children and adults, using appropriate diagnostic tools.

**COURSE/CODE : FRE 102 FUNCTIONAL FRENCH II**

**DURATION : 15 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to enable the student to understand the basic level of French and to be able to communicate or speak with others in French thus enabling them to adjust to situations and work effectively in any West African country.

**Objectives:** The students from English speaking countries must be taught basic functional French that would enable them speak, read, write and interact with people across borders or with people from other language background. This will promote the spirit and fulfil the primary aim of harmonization and mobility of health professionals within the region. The content should be according to the approved content of relevant department of the domicile Institution but must include all elements of basic level French with specific examples. The course should be handled by a French language specialist or teacher.



## **SECOND YEAR, FIRST SEMESTER**

**COURSE TITLE/CODE : CHD 201 REPRODUCTIVE HEALTH I**

**DURATION : 60 HOURS**

**CREDIT UNITS : 3**

**GOAL:** This course is aimed at equipping the student with the knowledge and skills to provide safe motherhood and birth control.

### **GENERAL OBJECTIVES:**

On completion of this course the student should be able to:

- 1.0. Understand the concept of Anatomy and Physiology of the male and female Reproductive systems.
- 2.0. Understand the concept of Reproductive Health Rights, including Family Planning.
- 3.0. Understand the process of pregnancy.
- 4.0. Understand the management of labour according to acceptable standard
- 5.0. Understand the care of mother and child during puerperium
- 6.0. Understand population dynamics and benefits of family planning.
- 7.0. Know the prompt and effective control and management of STIs including HIV/AIDS
- 8.0. Understand abortion and its possible complications.
- 9.0. Understand the concept of infertility
- 10.0 Understand menopause and andropause
- 11.0 Understand appropriate birth control services
- 12.0 Know the 'At Risk' pregnant women for prompt referral.
- 13.00 Understand the concept on Emergency Obstetric care (EmOc)
- 14.0 Understand the concept of Female Genital Mutilation.
- 15.0 Understand the concept of Vesico Vaginal Fistula

Performance objective 1

### **Understand the concept of Anatomy and Physiology of the male and female Reproductive systems.**

- Describe the anatomy and physiology of the male and female reproductive systems.
- Explain the significance of the male and female reproductive organs in relation to family planning.
- Explain the physiology of menstruation and the phases of the cycle.
- Describe the process of sperm formation.
- Identify menstrual disorders.
- Discuss the types of sexual dysfunctions.

Performance objective 2

### **Understand the concept of Reproductive Health Rights, including Family Planning.**

- Define Reproductive Health.
- Define the right of human to reproduce
- Identify the factors that could influence the Reproductive Health and Rights e.g. housing, economy, poor water supply etc.

- Explain the role of father, mother and child in Reproductive Health and Rights.
- Provide specific adolescent reproductive health services.
- Provide syndromic management of STIs and HIV/AIDS.
- Provide information and education on HIV Counselling and Testing (HCT) f.

Performance objective 3

**Understand the process of pregnancy**

- Define the term pregnancy.
- Describe the physiology of pregnancy from fertilization to term
- Identify the probable and positive signs of pregnancy.
- Explain the physiological and psychological changes during pregnancy.
- Manage pregnant mothers during antenatal period:
  - History taking
  - Health Education
  - Nutritional counselling and demonstration
  - Importance of rest, exercise and sleep
  - Exercises, etc.

Performance objective 4

**Understand the management of labour according to acceptable standard**

- Define and Describe normal Labour.
- Identify the signs of true Labour.
- Identify abnormal conditions in Labour that requires referral.
- Conduct normal delivery.
- Manage the mother and newborn.

Performance objective 5

**Understand the care of mother and child during puerperium**

- Define the term Puerperium
- Provide postnatal care according to acceptable standard.
- Identify any abnormality of mother and baby.
- Refer serious abnormality and follow-up.
- Give health education on:
  - Proper nutrition and weaning diet.
  - Family planning.
  - Proper care of the baby.

Performance objective 6

**Understand population dynamics and benefits of family planning.**

- Define Population Dynamics and National Population Policies
- Define Family Planning.
- Discuss family planning methods and types available.
- Explain the advantages and disadvantages of each method and type.
- Identify standard equipment for setting up family planning clinic.
- Manage family planning clinics, prescribe and administer commodities.

- Stimulate the acceptance of family planning services in the community.
- Monitoring and evaluation of Family Planning services in communities (assessment)

Performance objective 7

**Understand the prompt and effective control and management of STIs including HIV/AIDS**

- Explain the prevailing STIs situation in the community
- Discuss the syndromic management of STIs
- Explain the common laboratory investigations
- Explain the history and epidemiology of HIV/AIDS
- Discuss the pathogenesis of HIV/AIDS,
- Management and control of HIV/AIDS including the care of PLWA
- Adherence counselling on ARV Drugs
- Mother to child transmission and prevention of HIV/AIDS (PMTCT)

Performance objective 8

**Understand abortion and its possible complications**

- Define Abortion
- Describe types and causes of abortion.
- Discuss post-abortion care.
- Enumerate the possible complications in abortion.
- Refer clients with complications to appropriate quarter.
- Counsel client on post-abortion family planning.

Performance objective 9

**Understand the concept of infertility**

- Discuss infertility under:
  - Definition
  - Types
  - Causes
  - Prevention
- Manage couples and individuals concerning difficulties in getting pregnant according to Treatment protocols

Performance objective 10

**Understand menopause and andropause**

- Define menopause and andropause
- Explain pre-and post-menopausal symptoms.
- Manage menopausal symptoms according to Introduction to treatment protocols.

Performance objective 11

**Understand appropriate birth control services**

- Discuss the anatomy and physiology of the male and female reproductive system
- Explain the available birth control methods
- Explain the benefits of birth control

- Explain factors affecting birth control methods
- Discuss how the knowledge of birth control can be used to address problems of infertility.

Performance objective 12

**Understand the ‘At Risk’ pregnant women for prompt referral.**

- Identify ‘At Risk’ pregnant women.
- Refer identified case appropriately.

Performance objective 13

**Understand the concept of Female Genital Mutilation**

- Define Female Genital Mutilation (FGM)
- List the types of FGM.
- Manage Female Genital Mutilation according Introduction to treatment protocols.
- List the complications of FGM.
- Discuss other harmful practices.

Performance objective 14

**Understand the concept of Vesico Vaginal Fistula**

- Define the term Vesico Vaginal Fistula (VVF).
- Differentiate between Vesico Vaginal Fistula and Recto Vaginal Fistula (RVF).
- Identify, counsel and refer women with VVF and RVF.
- List the complications of VVF.
- Encourage communities to promote health facility delivery

**COURSE TITLE/CODE : CHD 203 CHILD HEALTH / Integrated Management of Neonatal and Childhood Illnesses (IMNCI)**

**DURATION : 45 HOURS**

**CREDIT UNITS : 3**

**GOAL:** This course is designed to enable the student to acquire the knowledge, attitude and skills that will ensure the physical, mental and social well being of children in the community.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0. Understand the care of the new born
- 2.0. Understand the process of growth and development of children 0-5 years
- 4.0. Understand how to assess the health and immunization status of children 0-5 years
- 5.0. Understand the children who are 'At Risk' for specific conditions
- 6.0. Understand conditions, which may expose the child to grave danger.
- 7.0. Understand Integrated Management of Neonatal and Childhood Illnesses (IMNCI)
- 8.0. Understand interventions currently included in the IMNCI strategy.
- 9.0. Understand how to use Integrated Management of Childhood Illness Introduction to Treatment protocols
- 10.0. Understand how to improve the health system to deliver IMNCI
- 11.0. Understand how to work with communities to improve child care
- 12.0. Understand the rights of the child as declared by the United Nations

Performance Objective 1

**Understand the physiology and care of the new born**

- Explain the physiological needs of the new born.
- Identify congenital abnormalities of the new born
- Explain how to provide immediate care to the new born.

Performance Objective 2

**Understand the process of growth and nutrition in children 0-5 years**

- Explain the importance of exclusive Breast Feeding in the first 6 months of life.
- Emphasize continuing breast feeding with adequate complementary feeding which should be based on locally available foodstuff.
- Explain the importance of growth monitoring in children 0-5 years
- Discuss developmental milestone of the child

Performance Objective 3

**Understand how to assess the health and immunization status of children 0-5 years**

- Describe the methods of assessing the health status of children.
- Explain the importance and schedule of immunization.

#### Performance Objective 4

##### **Understand the children who are ‘At Risk’ for specific conditions**

Explain the process of screening children 0-5 years to detect who is ‘At Risk’ for appropriate management and/or for referral.

#### Performance Objective 5

##### **Understand the concept of Integrated Management of Childhood Illness (IMNCI).**

- Define Integrated Management of Childhood Illness (IMNCI).
- State the rationale of IMNCI.
- State the objectives of IMNCI.
- State the advantages of IMNCI.

#### Performance Objective 6

##### **Understand conditions, which may expose the child to grave danger.**

- Establish a ‘Cause and effect’ relationship between (condition which may expose child to grave danger):
- Pneumonia, severe anaemia, falciparum malaria with presenting complaint of cough and/or fast breathing.
- Cerebral malaria, meningitis, severe dehydration, severe pneumonia with presenting complaint of lethargy or unconsciousness.
- Pneumonia, diarrhoea, ear infection with presenting complaint of measles rash.
- Pneumonia, meningitis, sepsis with ‘very sick’ young infant.
- Recount other conditions which may expose children to grave danger such as;
  - Haemoglobin below 7gm% or newborn with haemoglobin below 15gm%.
  - Stiff neck and/or bulging fontanelle.
  - Abdominal pain with rigidity
  - Jaundice
  - Oedema
  - Signs of severe local injury, profuse bleeding, deep lacerations, displaced fractures or severe burns.

#### Performance Objective 7

##### **Understand Integrated Management of Childhood Illnesses (IMNCI)**

- Assess and classify the sick child (0-5 years)
- Check for general danger signs
- Check the child’s immunization status
- Choose treatment priorities

#### Performance Objective 8

##### **Understand interventions currently included in the IMNCI strategy.**

- Explain how to mobilize community for home-based interventions to improve nutrition such as: home gardening, small-scale fishing, and piggery. (Home Intervention)
- Explain to the community how to use Insecticide-Treated Nets (ITNs).
- Discuss the need for early case management in the community
- Discuss how an individual/community can seek appropriate care of illness in PHC facilities.
- State the need to comply with full treatment regimen

Performance Objective 9

**Understand how to use Integrated Management of Childhood illness Introduction to treatment protocols**

Follow the protocol of history taking, examination, and manage the following cases;

- Acute Respiratory Infections (ARI)
- Diarrhoea
- Measles
- Malaria
- Malnutrition
- Other Serious Infections

Performance Objective 10

**Understand how to improve the health system to deliver IMNCI and essential drug supply and management**

- Describe organization of work in the health facilities
- Explain Referral Services and Care
- Discuss Quality of Care and Equity to service
- Discuss Health Management Information Systems.
- Discuss management and Supervision

Performance Objective 11

**Understand how to improve family and community practices that are harmful to the child growth and development**

Use Information, Education and Communication (IEC) in bringing about behavioural change in family practices of child survival, growth and development.

Performance Objective 12

**Understand the rights of the child as declared by the United Nations**

Discuss the Rights of the child as declared by the United Nations

**COURSE TITLE /CODE : STA 201 RESEARCH METHODOLOGY**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is aimed at exposing the student to the basic concepts and methods of research in the areas of health care system.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the meaning, nature and uses of research in health
- 2.0 Understand the research process
- 3.0 Understand research designs
- 4.0 Understand methods of data collection
- 5.0 Understand methods of data analysis and presentation
- 6.0 Understand how to write research proposal and report.

Performance Objective 1

**Understand the meaning, nature and uses of research in health**

Explain the meaning, nature and uses of research in health

Performance Objective 2

**Understand the research process**

Enumerate the basic research process

Performance Objective 3

**Understand research designs**

Discuss the various research Designs.

Performance Objective 4

**Understand methods of data collection**

Explain the methods of data Collection

Performance Objective 5

**Understand methods of data analysis and presentation**

Describe the various statistical techniques used for data analysis (parametric and non-parametric statistics).

Performance Objective 6

**Understand how to write research proposal and report.**

Explain the process of writing research proposal and report.



**COURSE TITLE : CHD 205 COMMUNITY MENTAL HEALTH**  
**DURATION : 30 HOURS**  
**CREDIT UNITS : 2**

**GOAL:** This course is aimed at providing the student with the knowledge and skills to ensure the promotion of mental well-being, prevention of mental disorders, early diagnosis and rehabilitation of the mentally-ill in the community.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the importance of promotion of mental well being in the community
- 2.0 Understand the preventive measures against mental disorders in the community
- 3.0 Understand the process of early diagnosis of mental disorders and rehabilitation of the mentally ill in the community.
- 4.0 Identify resources and facilities for rehabilitation of mentally ill persons in the community.

Performance Objective 1

**Understand the importance of promotion of mental well being in the community**

- Define community mental health
- Explain mental health laws as it affects PHC
- Elucidate the common causes and types of mental illnesses and ways of averting them.

Performance Objective 2

**Understand the preventive measures against mental disorders in the community**

Discuss prevention measures against mental disorders i.e. stress avoidance, adequate rest and rehabilitation, recreational activities.

Performance Objective 3

**Understand the process of early diagnosis of mental disorders in the community.**

- Discuss the procedures involved in the early diagnosis and management
- Explain the conditions for referral services.

Performance Objective 4

**Identify the resources and facilities for rehabilitation of mentally ill persons in the community**

- Explain the rehabilitation process for the mentally ill.
- Identify the resources and facilities available in the community for rehabilitation of the mentally ill persons.

**COURSE TITLE/CODE : HIM 201 HEALTH INFORMATION MANAGEMENT SYSTEM**  
**DURATION : 30 HOURS**  
**CREDIT UNIT : 1**

**GOAL:** This course is designed to enable the student to acquire the knowledge and skills for developing an efficient and responsive system that would provide information necessary for planning, management and operation of PHC activities in the community

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the National Health indicators
- 2.0 Understand the forms and instructional guidelines
- 3.0 Understand how to monitor PHC Community Based Information System (CBIS) at various levels.
- 4.0 Understand the channels of information in NHIMS

Performance Objective 1

**Understand the National Health indicators**

Explain the National Health Indicators for PHC

Performance Objective 2

**Understand the forms and instructional guidelines**

- Explain the home based records
- Explain the community based records
- Explain the facility/ward based records

Performance Objective 3

**Understand how to monitor PHC Community Based Information System (CBIS) at various levels**

Explain the monitoring of PHC Community Based Information Systems (CBIS) at:

- Home level
- Community level
- Health facility level
- Ward level and LGA

Performance Objective 4

**Understand the channels of information in NHIMS**

- Explain the channels of information in NHIMS
- Explain the supervision, monitoring and evaluation of information
- Draw the information flow chart of NHIMS

**COURSE TITLE/CODE : CHD 207 PRIMARY EAR, NOSE AND THROAT CARE**  
**DURATION : 15 HOURS**  
**CREDIT UNIT : 1**

**GOAL:** This course is designed to enable the student to acquire the knowledge and skills necessary for early detection, identification of the causes and management of the diseases of the Ear, Nose and Throat.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the anatomy and physiology of the Ear, Nose and Throat
- 2.0 Understand the importance of early recognition and treatment of the diseases of the Ear, Nose and Throat.
- 3.0 Understand the means of reducing complication rates arising from the diseases of the Ear, Nose and Throat
- 4.0 Understand the basic equipment vital for diagnosing the Ear, Nose, and Throat conditions.

Performance Objective 1

**Understand the anatomy and physiology of the Ear, Nose and Throat**

Describe the anatomy and physiology of Ear, Nose and Throat.

Performance Objective 2

**Understand the importance of early recognition and treatment of the diseases of the Ear, Nose and Throat.**

- Enumerate common diseases of the Ear, Nose and Throat
- Recognize early signs and symptoms of diseases of the Ear, Nose and Throat.
- Highlight steps for early detection of ear nose and throat disease in order to effect early referral where necessary.
- Manage specific complaint according to Standing Orders.

Performance Objective 3

**Understand the means of reducing complication rates arising from the diseases of the Ear, Nose and Throat**

Explain the means of reducing complication rates arising from diseases of ear, nose and throat.

Performance Objective 4

**Understand the basic equipment vital for diagnosing the Ear, Nose, and Throat conditions.**

Enumerate the basic equipment used for diagnosing the ear, nose and throat problems and their uses.

**COURSE TITLE/CODE : CHD 209 PRIMARY EYE CARE**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is designed to enable the student to acquire the knowledge and skills necessary for early identification, management and control of eye problems.

**GENERAL OBJECTIVES:**

On completion of the course, this student should be able to:

- 1.0 Understand the anatomy and physiology of the eye
- 2.0 Understand the common eye problems, their prevention and management
- 3.0 Understand the basic equipment vital for diagnosing and treating eye conditions.

Performance Objective 1

**Understand the anatomy and physiology of the eye**

Describe the anatomy and physiology of the eye

Performance Objective 2

**Understand the common eye problems, their prevention and management**

- State the major blinding diseases in the community
- Explain their causes predisposing factors and management.
- Discuss some common tropical diseases with eye complications e.g. onchocerciasis and measles
- Discuss the causes, management and control of tropical diseases with eye complication
- Discuss general preventive measures of eye diseases/conditions

Performance Objective 3

**Understand the basic equipment vital for diagnosing and treating eye conditions.**

- Enumerate the basic equipment vital for diagnosing and treating eye problems.
- Describe the procedure for using the equipments

**COURSE TITLE** : **CHD 211 SUPERVISED CLINICAL EXPERIENCE (SCE) II**  
**DURATION** : **60 HOURS**  
**CREDIT UNITS** : **3**

**GOAL:** This course is designed to enable the student to acquire more knowledge and skills and experience on how to use the Introduction to treatment protocols to manage clients with different conditions.

### **GENERAL OBJECTIVES**

On completion of this course, the student should be able to:

- 1.0 Understand how to use the Introduction to treatment protocols to manage the patients condition
- 2.0 Understand the conditions in children and adult which put them in grave danger and give priority attention according to Introduction to treatment protocols.
- 3.0 Understand how to keep a register of “at risk” cases needing follow-up over short or long periods.

Performance Objective 1

#### **Understand how to use the treatment protocols to manage clients conditions**

Manage the conditions as covered in the Introduction to treatment protocols

Performance Objective 2

#### **Understand the conditions in children and adult which put them in grave danger and give priority attention according to Introduction to treatment protocols**

Describe the conditions, which put children and adults in grave danger and manage according to the Introduction to treatment protocols.

Performance Objective 3

#### **Understand how to keep a register of “at risk” cases needing follow-up over short or long periods**

Describe “at risk” cases and how they can be identified.

**COURSE TITLE/CODE** : **CHD 113 SCHOOL HEALTH PROGRAMME**  
**DURATION** : **30 HOURS**  
**CREDIT UNITS** : **2**

**GOAL:** This course is designed to enable the student to acquire the knowledge and skills required to enable him/her provide effective School Health Services.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the concepts of School Health Programme.
- 2.0 Understand the health needs of the school child.
- 3.0 Understand the management of common health conditions among school children.
- 4.0 Understand the procedure for carrying out medical examinations of school children.
- 5.0 Understand how to organize health care services to meet the needs of school children.
- 6.0 Understand how to promote good school environment.
- 7.0 Understand how to manage school food vendors/canteen.

Performance Objective 1

**Understand the concepts of School Health Programme**

- Define School Health Programme.
- State the aims and objectives of School Health Programme
- Explain the importance of School Health Programme.
- List the components of School Health Programme.
- Establish working relationship with School personnel / parents.

Performance Objective 2

**Understand the health needs of the school child.**

- Explain the rationale for needs assessment of the School child.
- Explain methods used to collect information for the needs assessment of the School child.
- Explain the guidelines for prioritizing the needs identified above.
- Collect and analyze information on health needs of children in School.

Performance Objective 3

**Understand the management of common health conditions among school children**

- Identify the common health conditions among School children e.g. skin infections malaria, worm infestation, etc.
- Describe the symptoms of the conditions above.
- Manage various health conditions above among school children
- Explain the prevention and control of common health problems as stated in above
- Organize and teach hygiene in schools

Performance Objective 4

**Understand the procedure for carrying out medical examinations of school children**

- Explain the need for daily hygiene inspection and periodic medical examination.
- Identify the areas of the body for inspection by School teachers.
- Describe the procedures involved in carrying out periodic medical examination of school children.
- Explain the types of immunization required by school children.

Performance Objective 5

**Understand how to organize health care services to meet the needs of school children**

- Explain how to plan, implement, manage and evaluate the school health services.
- Organize school health Services to meet the needs of school children
- Conduct regular screening exercises in primary School for low vision and poor hearing among school children for early referral

Performance Objective 6

**Understand how to promote good school environment**

Describe a good school environment e.g. sitting, infrastructure, layout, toilet facilities, refuse disposal, water supply, esthetics of the school, recreational facilities, etc

Performance Objective 7

**Understand how to manage school food vendors/canteen.**

- Explain the rationale for school meal service.
- State the objectives of school meal service.
- List the criteria for selecting the School food vendors' e.g. medical examination, home assessment and training in cooking school meals.
- Describe the medical examinations carried out on school food vendors before selection e.g. stool, urine, sputum, blood and x-ray.
- Carry out routine supervision of food handlers and the kitchen environment.
- Teach school children to be responsible for maintaining the health of their younger siblings e.g. uses of arm circumference strip, etc.

**COURSE TITLE/CODE :MLT 201 INTRODUCTORY MICROBIOLOGY**  
**DURATION : 15 HOURS**  
**CREDIT UNIT : 1**

**GOAL:** This course is designed to provide the student with knowledge of the history and scope of microbiology and microscopic examination of micro-organism.

Performance Objectives

- Understand systemic microbiology
- Understand the effect of environmental factors on the growth of microorganisms
- Understand the various media for cultivation of microorganism's microbial pathogen city.
- Understand the safety precautions in microbiology laboratory work,
- Understand the diagnostic skills in clinical Practice.
- Understand simple techniques of management of a laboratory.



**COURSE TITLE/CODE : PHA 201 INTRODUCTORY PHARMACOLOGY**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is designed to provide the student with knowledge of the history and scope of pharmacology and essential drug services.

**Performance Objectives**

- Understand the Concepts of the National Drugs Policy
- Understand the National Drug Formulary
- Understand the techniques of Management of Essential Drugs and Supply system,
- Understand the essential drugs list and pharmacology of essential drugs in Primary Health Care
- Understand the concept of drug revolving fund.
- Understand the general principles of drug action:
- Understand dose - response relationships.
- Understand drug Receptor, Interactions and sequestration of Drugs
- Understand the routes of administration, absorption, distribution and biotransformation.
- Understand excretion pharmacogenetics, pharmacodynamics and pharmacokinetics.
- Understand the principles of bio-availability of drugs.

**COURSE TITLE : MLT 203 LABORATORY SERVICES**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is designed to enable the student to acquire proficiency in diagnostic and laboratory skills.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Know the diagnostic skills in community health practice
- 2.0 Know how to prepare patients for diagnostic procedures
- 3.0 Know the principles and basic techniques of laboratory test
- 4.0 Know how to manage the clinic laboratory

Performance Objective 1

**Know the diagnostic skills in community health practice**

- Define the terms in laboratory services
- Explain the concept and purpose of diagnostic skills.

Performance Objective 2

**Know how to prepare patients for diagnostic procedures**

- Explain how to collect specimen correctly (blood, urine, stool, pus, sputum etc).
- Explain the use of appropriate media and containers to transport specimens to appropriate laboratory when necessary

Performance Objective 3

**Know the principles and basic techniques of laboratory test**

- Perform relevant laboratory procedures e.g. Urinalysis, haemoglobin estimation, stool examination, tuberculin test, etc.
- Record laboratory result and file appropriately

Performance Objective 4

**Know how to manage the clinic laboratory**

- Obtain supplies for the laboratory
- Maintain the laboratory equipment and space
- Explain how to prevent fire and accident in the laboratory
- Teach other health workers how to manage a PHC clinic laboratory
- Discuss basic universal precautions in the laboratory

**COURSE TITLE/CODE : CHD 215 TREATMENT PROTOCOLS FOR CHWs**

**DURATION : 60 HOURS**

**CREDIT UNITS : 3**

**GOAL:** This course is designed to provide the student with basic knowledge of the layout and systematic framework of the Introduction to treatment protocols.

**GENERAL OBJECTIVES:**

On completion of this course the student should be able to:

- 1.0 Know the historical background of use of treatment protocols
- 2.0 Know the layout and format of use of treatment protocols
- 3.0 Understand the procedures for the use of treatment protocols.

Performance Objectives 1

**Know the historical background of use of treatment protocols**

- Define Introduction to treatment protocols.
- Describe the evolution of Introduction to treatment protocols
- Explain the objectives of Introduction to treatment protocols

Performance Objectives 2

**Know the layout and format of use of treatment protocols**

- Describe the components of the Introduction to treatment protocols.
- Identify the various sections of the Introduction to treatment protocols.
- Explain the sections of treatment protocols e.g. child health, material health, family planning, adult health and appendices.

Performance Objectives 3

**Understand the procedures for the use of treatment protocols.**

- List the step in the use of Introduction to treatment protocols
- Describe the use of Introduction to treatment protocols for different clients' situation e.g. first visit, follow-up emergencies.
- Manage clients with different complaints using Introduction to treatment protocols.
- Adhere to instructions on cases for referral.

**COURSE TITLE/CODE : CHD 217 INTRODUCTION TO MEDICAL SOCIOLOGY**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to enable the student to understand the relationship between sociology and medical sciences and its application in the health care services.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Know the social and cultural aspects of medicine
- 2.0 Know the causes and family/societal responses to illness
- 3.0 Understand the relationship between societal class and illness
- 4.0 Understand the roles and relationship between health practitioner and clients/patients
- 5.0 Understand the general principles of social planning as it affects Health care delivery services.

Performance Objective 1

**Know the social and cultural aspects of medicine**

- Define the nature and scope of medical sociology.
- Define the concepts of 'health' and 'ill-health'.
- Analyze the social and cultural implications of ill health.

Performance Objective 2

**Know the causes and family/societal responses to illness**

- Identify the cause for the following tropical diseases e.g. Schistosomiasis, chronic malaria, Trypanosomiasis, Onchocerciasis, poliomyelitis, sickle-cell anaemia, poliomyelitis, sickle-cell anaemia, conjunctivitis, worm infestation, kwashiorkor, hepatitis, cardiovascular diseases, diabetes, hypertension, mental illness.
- Justify family/societal response to each disease above.

Performance Objective 3

**Understand the relationship between societal class and illness**

- Categorize disease into diseases of affluence and disease of poverty e.g. hypertension, cardiovascular disease, diabetes, stroke, obesity, kwashiorkor, tuberculosis, kidney diseases.
- Explain the relationship between social class and the diseases above.

Performance Objective 4

**Understand the roles and relationship between health practitioner and clients**

- Describe the socio-cultural settings of modern health institution
- Describe characteristics unique to traditional health institution
- Evaluate the best method of health care delivery using modern hospitals, health centres, as points of reference

Performance Objective 5

**Understand the general principles of social planning as it affects Health care delivery system**

- Analyze the health practitioner client/patient relationship.
- Evaluate the inter health professionals relationship.
- Identify the roles of the health administrator and the health practitioner.

## **SECOND YEAR, SECOND SEMESTER**

**COURSE TITLE : CHD 202 GERIATRICS AND GERONTOLOGY**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is aimed at providing the student with the knowledge and skills to ensure effective care to improve the quality of life of the aged and reduce the problems/sufferings associated with ageing

### **GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the physiology of the aged
- 2.0 Know the common problems of the aged
- 3.0 Know the types and the importance of geriatric care
- 4.0 Know the community based facilities for the aged

Performance Objective 1

#### **Understand the physiology of the aged**

Explain the process of ageing stressing the patho-physiology of wear and tear of the body.

Performance Objective 2

#### **Know the common problems of the aged**

Explain common problems affecting the Aged, their causes and management.

Performance Objective 3

#### **Know the types and the importance of geriatric care**

- Enumerate the types of services available for the aged.
- State the importance of the available services.
- Assess the use of the services

Performance Objective 4

#### **Know the community based facilities for the aged**

Discuss the facilities available for the Aged in the community

**COURSE TITLE : CHD 204 CARE OF THE ATYPICAL**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is aimed at providing student with the knowledge and skills to prevent Atypical conditions and to improve the quality of life of people that are physically challenged

**GENERAL OBJECTIVES:** On completion of this course, the student should be able to:

- 1.0 Know the common conditions of physically challenged
- 2.0 Know the common causes of people physically challenged
- 3.0 Understand the categories of handicapping conditions.
- 4.0 Know the available preventive measures for rehabilitation of the people physically challenged in the community.

Performance Objective 1

**Know the common Atypical conditions**

- Define physical challenged conditions.
- List the common physical challenged conditions in the community.

Performance Objective 2

**Know the common causes of Atypical conditions**

Explain the common causes of handicapping conditions

Performance Objective 3

**Understand the categories of Atypical conditions.**

Classifying the handicapping conditions according to WHO standard

Performance Objective 4

**Know the available preventive measures for rehabilitation of the physically challenged in the community.**

- State the preventive measures for physically challenged handicapping conditions.
- Enumerate the facilities and resources available for rehabilitation

**PROGRAMME : HRM 201 HUMAN RESOURCES TRAINING**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is designed to enable the student to understand the concept of personnel development vis-a-vis on the job training.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the principles of personnel development
- 2.0 Know the training responsibilities of a community health technician
- 3.0 Know the cadres of workers the community health technician can train
- 4.0 Develop budget for human resource development
- 5.0 Know how to plan and implement human resource development

Performance Objective 1

**Understand the principles of personnel development**

- Define personnel development
- State the rationale for training health personnel
- Explain the rationale of personnel development

Performance Objective 2

**Know the training responsibilities of a community health technician**

Discuss the training responsibilities of CHT

Performance Objective 3

**Know the cadres of workers the community health technician can train**

Enumerate the cadres of health workers the CHT can train.

Performance Objective 4

**Develop budget for human resource development**

- Identify needed budget items: per diem, materials (consumables and non-consumables), feeding, accommodation, transport etc

Performance Objective 5

**Know how to plan and implement human resource development**

- Discuss areas of human resources development in PHC.
- Identify the methods of ascertaining the learning needs of personnel
- Select personnel the CHT may need to train
- Explain types and select learning method(s); Pedagogy and Andragogy
- Select teaching aids
- Prepare training time-table
- Prepare session plan
- Implement personnel training an identified area of PHC above
- Evaluate the training carried out above
- Provide feedback to personnel and employer

**COURSE TITLE/CODE : CHD 106 PRIMARY HEALTH CARE MANAGEMENT**  
**DURATION : 30 HOURS**  
**CREDIT UNITS : 2**

**GOAL:** This course is designed to enable the student to understand management processes for PHC implementation.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the principles and functions of PHC management
- 2.0 Understand health planning and the process of implementation of PHC plan
- 3.0 Understand how to organize and manage the village health System
- 4.0 Understand the Psychological basis of management models in health industries
- 5.0 Understand the formation and function of Community Health Development Committee (CHDC)

Performance Objective 1

**Understand the principles and functions of PHC management**

- Define management.
- Discuss principles and functions of management in PHC stressing supervision, delegation motivation and management by objectives

Performance Objective 2

**Understand health planning and the process of implementation of PHC plan**

- Discuss health planning, stressing its definition and policy issues to be considered in project formulation.
- Describe steps involved in health planning.

Performance Objective 3

**Understand how to organize and manage the village health System**

- Explain village or ward Health System.
- Describe the organizational structure of the village or Ward Health System.
- Describe the management of the village or Ward Health System both in the clinic and community
- Describe quality assurance in clients care.

Performance Objective 4

**Understand the Psychological basis of management models in health industries**

- Explain worker motivation
- Describe the health team stressing its composition, characteristics and functions.
- Explain building of team harmony and cohesion.
- Explain psychological models of management (autocratic, democratic and laissez fair

**Performance objective 5**

Understand the formation and function of Community Health Development Committee  
Explain the concept of and membership of Community Health Development Committee  
Explain their role in in planning and implementation of PHC at community level

**COURSE TITLE/CODE : CHD 108 OCCUPATIONAL HEALTH AND SAFETY**



**DURATION : 60 HOURS**

**CREDIT UNITS : 3**

**GOAL:** This course is designed to enable the student to identify, manage and control occupational hazards and diseases in the work environment.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Know the broad components of occupational health
- 2.0 Know various hazards in the occupational environment
- 3.0 Know common occupational diseases and their prevention
- 4.0 Know appropriate hazard control measures in the work environment
- 5.0 Understand the principles of industrial ventilation
- 6.0 Know specific physical hazards in the work environment, and how to control them.
- 7.0 Know how to carry out a walk-through inspection of an industry.
- 8.0 Know how to conduct health impact assessment of an industry in communities

Performance Objective 1

**Know the broad components of occupational health**

- Explain specific components of occupation health viz.
  - (a). Occupational medicine
    - Medical examination (pre-employment replacement and periodic).
    - Curative: treatment of occupational and non-occupational ailments.
    - Preventive Health Services
    - Provision of family health services
    - Promotion of occupational health programmes
  - (b). Industrial hygiene and safety Services.
    - Sampling of raw materials for toxicity and extrapolation
    - Engineering control of plants.
    - Storage of radioactive and industrial toxic substance
    - Evaluation of actual / potential hazards in the work environment.
  - (c). Industrial welfare services
    - Provision of subsidized
    - Cafeteria services.
    - Provision of free
    - Accommodation / housing and / or an owner occupier basis.
    - Provision of employee
    - recreational facilities
    - Provision of life and health insurance schemes
    - Provision of transportation facilities
    - Shift duty allowances where necessary
    - Provision of educational facilities to children and to employees.

## Performance Objective 2

### **Know various hazards in the occupational environment**

- Define occupational hazards. Classify occupational hazards under Physical, Chemical, Biological, Mechanical and Social hazards.
- Explain the classified hazards above with examples.
- Explain the use of various devices, for sampling and measuring potential and actual industrial hazards
- List and explain the threshold limit values (TLV) of selected physical and chemical substances.

## Performance Objective 3

### **Know common occupational diseases and their prevention**

- List and classify common occupational disease e.g.
  - occupational lung disease
  - occupational dermatitis,
  - occupational injuries
  - occupational cancer
  - accidents, etc.
- Explain the types, causes, routes of entry, clinical presentation and control/ preventive measure of occupational diseases above.

## Performance Objective 4

### **Know appropriate hazard control measures in the work environment**

- Classify and explain the various types of hazards control measure viz.
  - Engineering
  - Administrative
  - PPE (personal protective equipment)
  - Substitution etc
- Describe the different types of PPE
- Explain the importance of personal protective equipment in the working environment .

## Performance Objective 5

### **Understand the principles of industrial ventilation**

- Describe the general dilution and local exhaust ventilation system
- Describe basic principles of Industrial ventilation in the control of industrial contaminants.

## Performance Objective 6

### **Know specific physical hazards in the work environment, and how to control them.**

- Describe the properties, causes, effects, measurement and control of industrial Noise
- Describe the types, measurement, effects and control of industrial ionizing and non-ionizing irradiation

**COUSE TITLE : CHD 210 REFERRAL SYSTEM AND OUTREACH SERVICES**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is designed to enable the student to acquire the necessary knowledge and skills in effecting prompt referral and conducting outreach services.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the importance of the 2-way referral system in the management of clients.
- 2.0 Know the process of conducting outreach services.

Performance Objective 1

**Understand the importance of the 2-way referral system in the management of clients.**

- Describe the 2-way referral system
- Explain the importance of the 2-way referral system in the management of client's
- Describe the 2-way referral forms.
- Explain the reasons for referral
- Seek the assistance of the physician or senior officer in the clinic when uncertain about the management of clients.
- Identify the constraints or factors that may hinder effective referral services e.g. road accessibility, etc

Performance Objective 2

**Know the process of conducting outreach services**

- Define Outreach Services.
- Discuss the rationale for Outreach services
- Explain the types of services rendered during an outreach service.
- Explain the process involved in conducting outreach services:
  - a) planning,
  - b) implementing
  - c) evaluation.

**COURSE TITLE/CODE : CHD 212 RESEARCH PROJECT**

**CREDIT UNITS : 3**

**GOAL:** This research project is intended to enable the student to apply the knowledge and skills in research methods towards solving prevailing health problems in the community.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to;

- 1.0 Know the purpose of the research work
- 2.0 Demonstrate the relevance of the work to the prevailing health problems in the community
- 3.0 Carry out the project and write a full report for the submission to the training institution

**Performance Objective**

Carry out a survey based on assigned research project topic, using an acceptable research design.

- Collect relevant data
- Analyze the data using appropriate methods
- Interpret the results obtained from the research
- Write up the report of the research conducted under the following formats
  - PRELIMINARIES
    - Title Page
    - Approval/Certification Page
    - Dedication
    - Acknowledgement
    - Table of Content
    - List of Tables
    - List of Figures
    - Abstract.
  - CHAPTER ONE: INTRODUCTION including;
    - Background of the Study
    - Statement of the problem
    - Purpose (or Objective) of the study
    - Significance of the study
    - Research questions and/or hypothesis (ses)
    - Delimitation of the study
    - Definition of terms (if any), etc.
  - CHAPTER TWO:
    - Literature Review
  - CHAPTER THREE:
    - Research Methodology
  - CHAPTER FOUR:
    - Data Presentation and Analysis
  - CHAPTER FIVE:
    - Summary, Findings, Discussion of Findings, Conclusion, Implications and Recommendations, Limitation of the Study (if any), Suggestions for further studies, References (APA format is recommended) and Appendix

**COURSE TITLE : BUS 201 ENTERPRENEURIAL SKILLS**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is designed to enable the student to acquire relevant knowledge of relevant business skills.

**Performance Objectives**

Understand how to recognize opportunities

Understand how to generating ideas / creativity

Understand risk taking, critical thinking and analysis of new initiatives

Understand corporate finance, family business ownership and wealth management

Understand the techniques of how to raise capital, manage organizational effectiveness, mergers and acquisitions.

Understand organizational design, sales management, consumer behaviour, research and marketing strategy.

**COURSE TITLE : PHA 202 ESSENTIAL DRUG SUPPLY SYSTEM**

**DURATION : 15 HOURS**

**CREDIT UNIT : 1**

**GOAL:** This course is designed to enable the student to acquire the knowledge and skills in management of essential drugs and drug revolving fund.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the management of Essential Drugs and Supply System
- 2.0 Understand the concept of Drug Revolving Fund (DRF)
- 3.0 Understand the pharmacology of Essential Drugs in PHC

Performance Objective 1

**Understand the management of Essential Drugs and Supply System**

- Explain the concept of essential drugs and supply system.
- Discuss the major objectives of National Essential Drugs Programme (NEDP),
- Enumerate the steps for the management of essential drugs and supply in health unit.
- Explain the methods used in quantification of drugs.
- Promote rational use of drugs in the health facility and community

Performance Objective 2

**Understand the concept of Drug Revolving Fund (DRF)**

- Explain the concept of Drug Revolving Fund (DRF)
- Enumerate the steps involved in setting up a DRF
- Explain the advantages of DRF and reasons for its failure.
- Manage Drug Revolving Fund (DRF)
- Explain Bamako Initiative

Performance Objective 3

**Know the pharmacology of Essential Drugs in PHC**

- List the sources of drugs
- Discuss classification of drugs
- Explain the actions and interaction of drugs (including dosage)
- State the side effects their control measures

**COURSE TITLE/CODE: CHD 214 SUPERVISED COMMUNITY BASED EXPERIENCE  
(SCBE)**

**DURATION : 60 HOURS**

**CREDIT UNITS : 2**

**GOALS:** This course is designed to expose the students to adequate practical skills in client's care based on the prevailing health problems in the community chosen.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand how to diagnose the community health problems
- 2.0 Demonstrate how to draw the sketch map of a community
- 3.0 Understand how to mobilize members of the community for health action
- 4.0 Demonstrate how to give immunization in the community following established procedures.
- 5.0 Understand how to carryout community mobilization
- 6.0 Demonstrate how to give health talk in the community on prevailing health problems.
- 7.0 Understand how to educate the community on provision of potable water and basic sanitation.

**Guidelines on Supervised Clinical Experience (SCE) and Supervised Community Based Experience (SCBE) Programme:**

For the purpose of effective supervision and uniformity in conduct of practical clinical and community based experiences, a Log Book should be introduced for use by students and an Instructor's Guide Book for the Teacher/Instructor(s).

The training institutions must ensure that students are posted to practice areas / health facilities where they will be duly exposed to the appropriate skills and their log book signed by the designated Supervisors only when the skills have been performed.

- The Log Book for students shall be obtained from the relevant training Institutions/Board.
- The final evaluation of the student during the period shall be based on the report of the Field Supervisor in the Practice Areas / Health Facility, and must be done objectively.
- The evaluation must take cognizance of: punctuality, attendance, general attitude to work, respect for authority, interest in the clinical / practice area, technical competence.
- The training institution shall retain the Log Book of the students after graduation.
- The Institution based Supervisors shall countersign the Log Book during each visit to enable him/her determine to what extent the objectives are being met and to assist in resolving any possible problems.
- The Institution based Supervisors shall visit the students three (3) times during their postings at four (4) weeks interval, and the last visit in the last week of posting.

**COURSE TITLE : CHD 216 REPRODUCTIVE HEALTH II (including ADOLESCENT HEALTH)**

**DURATION : 30HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is aimed at providing the student with the knowledge and skills to deal with common health problems of the adolescent.

**GENERAL OBJECTIVES:**

On completion of this course the student should be able to:

- 1.0 Understand Adolescent Sexuality and Developmental process.
- 2.0 Understand Adolescent Reproductive Health Rights.
- 3.0 Understand the Principles of Adolescent and Youth Friendly Services.
- 4.0 Understand the important issues in the provision of Adolescent and Youth Friendly Services.

Performance Objective 1

**Understand Adolescent Sexuality and Developmental process.**

- Define Adolescent, Youth and Young people.
- Define the concept of Sexuality
- Describe the developmental challenges of adolescent
- List behavioural characteristics of the adolescent

Performance Objective 2

**Understand Adolescent Reproductive Health Rights.**

- Explain the importance of Reproductive Health
- Identify the Reproductive Health Rights of adolescent.
- Discuss the factors that affect adolescent reproduction
- List the factors contributing to teenage pregnancy
- Identify the steps involved in preventing teenage pregnancy

Performance Objective 3

**Understand the Principles of Adolescent and Youth Friendly Services**

- Explain the challenges involved in meeting adolescent general sexual and reproductive health needs.
- Describe the components of adolescent and youth friendly services.

Performance Objective 4

**Understand the important issues in the provision of Adolescent and Youth Friendly Services.**

- Explain the importance of provision of Youth Friendly Services
- Discuss the factors affecting adolescent health care.



**COURSE TITLE/CODE: CHD 217 COMMUNITY PLANNING, ANALYSIS AND PARTICIPATION**

**DURATION : 30 HOURS**

**CREDIT UNITS : 2**

**GOALS:** This course is designed to expose the students to adequate knowledge and techniques in community planning, mobilization and participation.

**Performance Objectives**

- Understand the definition, concepts and rationale for advocacy
- Understand community diagnosis community mobilization and participation.
- Understand the steps and levels involved in advocacy, community diagnosis and community mobilization.
- Understand the type of information required during advocacy, community diagnosis and community mobilization.
- Identify the instruments used in situational analysis and community diagnosis.
- Understand the processes and methods involved in the design of advocacy message and community diagnosis.
- Understand the use of advocacy materials.
- Understand the process of formation and organization of development committees.

**COURSE TITLE : ECO 202 HEALTH ECONOMICS**

**DURATION : 60 HOURS**

**CREDIT UNITS : 2**

**GOAL:** This course is designed to enable the student to apply economic approaches in planning and improving health care services in the community.

**GENERAL OBJECTIVES:**

On completion of this course, the student should be able to:

- 1.0 Understand the fundamentals in Health Economics
- 2.0 Understand the approaches to resources mobilization, allocation and the constraints of public health finance in the country
- 3.0 Understand Budget and Budgeting processes.
- 4.0 Understand the model of marketing in health economics.

Performance Objective 1

**Understand the fundamentals in Health Economics**

- Define:
  - i) Economics
  - ii) Economic goods and services
  - iii) Economic wants
  - iv) Opportunity cost
  - v) Scarcity, demand and supply etc.
- Explain the followings:
  - i) National economic goals
  - ii) Role of consumer in the capitalist economy
  - iii) Role of government in the economic system
  - iv) Budgetary procedures
  - v) National income and its distribution.
  - vi) Fiscal policy.
  - vii) Approaches to financial planning.
  - viii) Consumer health

Performance Objective 2

**Understand the approaches to resources mobilization, allocation, the forms and constraints of public health financing in the country**

- List the various Health professions required to service the system and their roles.
- Explain the basic concept of health care organization and management.
- Explain organizational changes in health management
- Explain organizational processes of manpower recruitment for each level of healthcare
- Explain approaches to funding health services
- Explain the procedure of determining level of utilization of health personnel and health care
- Identify the forms and constraints of health financing in the country and community.

- Explain the methods and strategies of mobilizing community for self help / self financed projects.
- Explain main methods of health care funding.

Performance objective 3

**Understand Budget and Budgeting processes**

- Define Budget and Budgeting
- Explain the process of Budgeting

Performance Objective 4

**Understand the model of marketing in health economics**

- Explain the basic concepts of Health insurance / social insurance.
- Explain the role of the private sector in health care and its implications.
- Explain the basic concept of cost effectiveness analysis.
- Explain the impact of economic measures / changes on health care.

**LIST OF BOOKS AND REFERENCE MATERIALS.**

Books for trainers and trainees as approved by appropriate authorities and available within national levels for each country in line with the contents of the training curriculum are allowed for the programme. Reference books from indigenous authors and professionals in line with the training curriculum are strongly recommended.

**PROGRAMME HARMONISE DE FORMATION**  
**LICENCIES EN SANTE COMMUNAUTAIRE**  
**DE L'ESPACE CEDEAO**

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## **PREFACE**

L'Organisation Ouest Africaine de la Santé est l'institution spécialisée en santé de la Communauté économique des Etats de l'Afrique de l'Ouest (CEDEAO) avec la seule responsabilité de fournir un leadership dans tous les domaines des soins de santé dans la région.

L'Organisation Ouest Africaine de la Santé a pour mission d'offrir le niveau le plus élevé en matière de prestation de soins de santé aux populations de la sous région. Elle se basera sur l'harmonisation des politiques des Etats Membres, la mise en commun des ressources et la coopération entre les Etats Membres et les pays tiers en vue de trouver collectivement et stratégiquement des solutions aux problèmes de santé de la sous région.

Les Chefs d'Etats et de gouvernements ont découvert la nécessité de gérer, motiver et retenir les professionnels de ressources humaines de la santé ; ce qui permettrait de résoudre la crise des ressources humaines de la santé dans les Etats membres de la CEDEAO.

À cette fin, l'Assemblée des Ministres de la Santé de la CEDEAO a décidé de faciliter la formation des professionnels de santé qui répond aux problèmes essentiels de santé, ainsi que la disponibilité et la mobilité des ressources humaines pour la santé dans la région de la CEDEAO. Ceci est également en accord avec la mise en œuvre des actions suivantes:

1. Protocole de la CEDEAO / A/P3/1/03/Dakar et Convention de 2003 sur les A/C.1/1/03 relatifs à l'Education et la formation dans la région de la CEDEAO sur la reconnaissance des établissements d'enseignement et l'équivalence des diplômes, certificats et autres titres de la CEDEAO
2. Adoption d'une résolution sur l'harmonisation des curricula de la CEDEAO par la 7ème Assemblée des Ministres de la Santé (AHM) en Juillet 2006 (Abuja)
3. Adoption d'une résolution sur la motivation et la rétention des ressources humaines de la santé par l'Assemblée des Ministres de la Santé de la CEDEAO, (Yamoussoukro, Côte d'Ivoire 2009)
4. Le plan 2009-2013 du deuxième plan stratégique et opérationnel de l'OOAS a exigé que le programme basé sur les compétences, doive être développé pour la formation des agents de santé communautaires de l'espace CEDEAO.

L'harmonisation facilitée par l'OOAS dans la région comprend la formation et la pratique des tous les professions de santé et pour des agents de sante communautaire qui sont classés sous les professions des disciplines associées de santé. Nous espérons que les universités et les établissements de formation feront usage de ce curriculum harmonisé pour développer, renforcer la capacité des professionnels de la santé et renforcer notre système de soins de santé dans l'espace CEDEAO.

Nous croyons que ce document servira également de véritable plate-forme pour améliorer la mobilité des professionnels de la santé dans l'espace CEDEAO, et par conséquent, promouvoir l'exécution efficace des services préventifs et curatifs de la santé pour les populations de la CEDEAO par du personnel qualifié. Il nous permettra également accélérer la réalisation des objectifs du Millénaire pour le développement à l'horizon 2015 et après.

**Directeur Général**  
**Organisation Ouest Africaine de la Santé**

## **PREAMBULE**

La santé communautaire est un carrefour de disciplines qui s'occupe de la promotion de la santé des populations. Etant un concept très global, elle permet de résoudre les problèmes de santé dans tous les pays aussi bien industrialisés qu'en développement. La mise en œuvre d'interventions de santé à base communautaire permet la réduction des inégalités sociales de santé par la prise en charge des déterminants sociaux et de santé (DSS). Les services de santé communautaire réduisent ainsi les taux de morbidité et de mortalité notamment ceux des groupes vulnérables comme les enfants, les femmes, les handicapés, les jeunes, les personnes âgées, etc.

Les techniciens de santé communautaire interviennent aux trois niveaux du système national de santé. Ils offrent des services à toute la population particulièrement aux groupes vulnérables comme les enfants, les femmes en âge de reproduction, les handicapés, les jeunes, les personnes âgées, etc. La mise en œuvre d'approches de santé communautaire dans les pays de la CEDEAO a été fortement recommandée par l'Organisation mondiale de la Santé (OMS), d'une part pour relever les défis d'accès aux soins de santé pour tous et instaurer la justice sociale, d'autre part pour réduire la morbidité et la mortalité notamment chez la mère et l'enfant.

## **INTRODUCTION**

Ce curriculum de formation harmonisé vise à développer les compétences requises chez les Licenciés en santé communautaire pour dispenser des soins de qualité aux populations des différents pays de l'espace CEDEAO. Ce sont des soins préventifs, promotionnels, curatifs et de réhabilitation aussi bien pour les individus, les familles que pour les communautés.

Les méthodes d'enseignement qui y sont privilégiées sont celles actives, centrées sur l'étudiant, en l'occurrence l'approche par compétence, exigeant des moyens modernes et adéquats d'appui à la formation. Les activités pédagogiques sont les cours théoriques, les travaux dirigés, les travaux pratiques en laboratoire.

Pour compléter leurs acquisitions théoriques, les préparer à la multiplicité et/ou à la complexité des situations professionnelles et leur permettre surtout des apprentissages qui ne peuvent pas se réaliser dans un contexte exclusivement académique, la formation de ces futurs professionnels implique absolument un contact avec la réalité du terrain. Aussi, les stages organisés en milieu de soins et dans les communautés au cours de la formation constituent une réponse à cet impératif car ils demeurent de véritables moments de professionnalisation.

L'organisation des activités à travers quatre semestres selon le système Licence -Master- Doctorat (LMD) vient davantage mettre l'accent sur la place combien importante de ces stages de terrains.

Aussi, le présent curriculum de formation s'articule autour d'informations clés comme les conditions d'admission à la formation, l'examen d'entrée, la durée de la formation, le Titre professionnel conféré, la dénomination du diplôme, les qualités requises pour être technicien de santé communautaire, la qualification des formateurs, la période d'Examens et des vacances ainsi que le devis de la formation.

## **FINALITE DU PROGRAMME**

La finalité du programme de licence en santé communautaire est d'améliorer l'état de santé des individus, des familles et des communautés, dans les pays de la CEDEAO, par la disponibilité d'une main d'œuvre compétente en santé communautaire.

## **BUT DE LA FORMATION**

Le programme de licence en santé communautaire vise à développer, chez les étudiantes et étudiants, des habiletés à offrir des services de santé communautaire de qualité, dans les pays membres de la CEDEAO.

## **OBJECTIFS GENERAUX**

1. Connaître l'évolution de la santé communautaire dans les pays de la CEDEAO ;
2. Situer la place de la santé communautaire dans le système national de santé ;
3. Déterminer les principaux besoins d'une communauté ;
4. Mettre en œuvre différentes approches et stratégies d'intervention en santé communautaire pour résoudre des problèmes de santé identifiés dans la communauté;



5. Se familiariser avec la gestion des services de santé communautaire ;
6. Promouvoir l'implication de toutes les parties prenantes à la mise en œuvre des services de santé communautaire ;
7. Appliquer les textes législatifs et réglementaires à la pratique de santé communautaire.

### **POSTES D'AFFECTION**

Les licenciés en santé communautaire peuvent travailler dans l'une des institutions suivantes :

- ✓ Centres de santé de base ;
- ✓ Districts sanitaires ;
- ✓ Directions régionales de la santé ;
- ✓ Directions et services nationaux de santé.
- ✓ Services municipaux (collectivités locales et territoriales) ;
- ✓ Projets/Programmes de santé
- ✓ Organismes non-gouvernementaux (ONGs)/Associations intervenant en santé communautaire.

### **DUREE DE LA FORMATION**

Trois (3) ans d'études soit six (6) semestres.

### **CONDITIONS D'ADMISSION**

Pour accéder à la formation du niveau de la licence en santé communautaire, il faut :

- Etre titulaire d'un Diplôme de technicien en santé communautaire, d'infirmier breveté, d'assistant infirmier, d'agent de santé de base, de préparateur en pharmacie, d'agent de santé environnementale ou d'hygiène/assainissement, de technicien de biologie médicale, de technicien de prothèse dentaire ou équivalent.
- avoir au moins trois (3) ans d'expérience professionnelle.
- réussir au concours professionnel, au test privé ou être retenu sur étude de dossier pour les candidats d'autres nationalités.

### **EXAMENS D'ENTREE ET DE CERTIFICATION**

Les examens d'entrée et de certification sont des examens nationaux organisés annuellement par arrêté ministériel. A cet effet un comité d'organisation sera mis en place. Ce comité sera composé des représentants des Écoles /Instituts et les représentants d'autres ministères concernés.

### **TITRE PROFESSIONNEL**

Le titre professionnel est : « *licencié en santé communautaire* »

### **DENOMINATION DU DIPLOME**

Le diplôme obtenu à la fin du cursus scolaire est dénommé « *licence en santé communautaire* »

### **QUALITES REQUISES POUR ETRE LICENCIE EN SANTE COMMUNAUTAIRE**

Les qualités suivantes sont requises pour être licencié en santé communautaire :

1. Avoir une aptitude physique et mentale ;
2. Avoir les qualités d'un bon manager ;
3. Être capable de travailler en équipe ;

4. Être autonome dans son travail ;
5. Avoir un esprit critique;
6. Disposer d'un bon esprit de collaboration avec les partenaires administratifs, sociaux et avec la communauté ;
7. Avoir le sens de la responsabilité.

## **PERIODE D'EXAMEN ET DE VACANCES**

Les périodes d'examens et de vacances sont établies comme suit :

### **Examens**

Un examen aura lieu à la fin de chaque semestre.

Un examen de certification sera organisé à la fin du programme. Il aura lieu à partir de la fin du mois de juin de la troisième année.

### **Vacances**

Elles auront lieu en Août et en septembre.

## **PERIODES ET DOMAINES DE STAGES**

Les stages se déroulent à la fin des enseignements théoriques.

### **Périodes**

- 1<sup>ère</sup> année : un (1) mois, à partir du mois de juin.
- 2<sup>ème</sup> année : deux (2) mois à partir du mois d'avril.
- 3<sup>ème</sup> année : cinq (5) mois à partir du mois de février.

### **Domaines de stage**

- 1<sup>ère</sup> année : Un stage de diagnostic communautaire.
- 2<sup>ème</sup> année : Un stage clinique.
- 3<sup>ème</sup> année : Un stage d'interventions en santé communautaire.

Une supervision rapprochée sera assurée par l'équipe d'encadrement

## **MODES D'EVALUATION**

Le mode d'évaluation des étudiants se fait selon le système LMD. Il comprend le contrôle continu avec un examen de fin de semestre. Toutefois, les exposés, les devoirs de maison ou de groupe peuvent faire l'objet d'une évaluation. Les contrôles sont notés de 0 à 20. Toute absence non justifiée à un contrôle donne lieu à la note zéro. Toutefois, un contrôle de rattrapage est organisé pour les étudiants ayant fourni un justificatif.

## **MEMOIRE DE FIN D'ETUDES**

Un mémoire de fin d'études doit être rédigé par l'étudiant, sous la supervision d'un Directeur de mémoire.

## **CONDITIONS DE MISE EN ŒUVRE DU PROGRAMME**

### **Corps enseignant**

Pour les cours théoriques, pratiques et l'encadrement des mémoires, les enseignants doivent détenir une maîtrise ou un doctorat en santé communautaire ou dans une discipline connexe.

Pour l'encadrement des stages, les enseignants doivent être des licenciés en santé communautaire, un professionnel de santé ou un agent du développement communautaire, et avoir une expérience professionnelle d'au moins cinq (5) ans. Tout enseignant ou encadreur doit avoir une formation pédagogique.

### **Matériel pédagogique**

Un équipement minimal est nécessaire pour mettre en œuvre les enseignements :

- Matériel informatique;
- Matériel didactique (vidéo projecteur, rétroprojecteur, télévision, Magnétoscope, cassettes vidéo) etc.
- Moyens logistiques pour le déplacement sur le terrain;
- Documentation appropriée, accès à l'internet.

### **CODIFICATION DES COURS**

- Le premier chiffre définit le niveau (1= 1<sup>ère</sup> année, 2 = 2<sup>ème</sup> Année, 3= 3<sup>ème</sup> Année) ;
- Les 3 lettres (LSC) indiquent le type de formation (Licence en Santé Communautaire);
- Le deuxième chiffre identifie le Numéro du cours
- Les lettres et le numéro du cours sont séparés par une barre oblique.

### **ROLES ET FONCTIONS DES LICENCIÉS EN SANTÉ COMMUNAUTAIRE**

Les licenciés en santé communautaire sont formés pour jouer différents rôles et assurer les fonctions préventive, promotionnelle, curative et de gestion dans les services publics, les services privés, les services décentralisés et dans les organismes internationaux intervenant dans le domaine de la santé.

#### **Tâches liées à la fonction préventive et promotionnelle**

- Expliquer à la communauté l'approche de santé communautaire;
- Situer son rôle professionnel et sa place dans l'équipe de santé ;
- Connaître les ressources disponibles dans la communauté ;
- Poser un diagnostic communautaire pour identifier des problèmes de santé ;
- Appliquer la démarche de résolution de problèmes pour améliorer la santé des communautés, en collaboration avec la communauté, les agents de santé et les professionnels d'autres disciplines qui interviennent dans la communauté ;
- Élaborer des programmes de santé, de communication et d'éducation pour la santé pour résoudre des problèmes prioritaires de santé;
- Mener des activités éducatives sur les différentes causes et les moyens de prévention des maladies mentales ;
- Organiser les populations, coordonner et superviser les activités des techniciens de santé communautaire au sein de la communauté ;
- Assurer la mise en place des comités villageois de santé ;
- S'assurer du fonctionnement adéquat des comités de santé villageois ;
- Promouvoir la participation de la communauté ;
- Initier le partenariat et la collaboration intersectorielle avec les parties prenantes dans le développement de la santé communautaire ;

- Participer à la campagne périodique d'éducation en matière de santé en conformité avec les composantes des soins de santé primaires ;
- Susciter la collaboration intersectorielle efficace et appropriée en vue d'améliorer la prise en charge des problèmes de santé des communautés ;
- Assurer la mobilisation de la communauté ;
- Encadrer les activités de réadaptation mentale et des handicapés mises en œuvre dans la communauté ;
- Contribuer à l'exécution des activités éducatives relatives aux causes et à prévention des problèmes de santé bucco-dentaire;
- Informer la communauté sur des questions relatives au genre et à la santé de la reproduction ;
- Offrir des services de promotion de la santé aux adolescents et aux jeunes dans les espaces réservés ;
- Offrir des services de planification familiale.

### **Taches liées à la fonction administrative et de gestion**

- Planifier et diriger les réunions des comités villageois de santé.
- Superviser les agents impliqués dans la mise en œuvre des interventions communautaires en conformité avec les composantes des soins de santé primaires ;
- Planifier et superviser les activités de recensement des cibles d'interventions ;
- Organiser des revues périodiques sur des sujets pertinents en collaboration avec la communauté, les partenaires au développement et les autorités administratives;
- Rédiger à l'intention des techniciens de santé communautaire et des agents de santé communautaire, des procédures d'évaluation de l'état de santé des individus, des familles et des communautés;
- Participer à l'organisation et à la supervision les séances de vaccination dans la structure de santé ;
- Participer à l'organisation des références et des contre-références selon les normes;
- Développer des initiatives permettant de stimuler les activités qui concourent à l'épanouissement de la communauté ;
- Promouvoir la collaboration intersectorielle pour le bon fonctionnement des services de santé communautaire ;
- Identifier les problèmes prioritaires de santé, en collaboration avec la communauté, les partenaires au développement, le personnel de santé et les techniciens de santé communautaire travaillant sous sa responsabilité;
- Initier une démarche de résolution de problèmes de santé identifiés, en collaboration avec la communauté, les partenaires au développement et le personnel de santé ;
- Participer au management des services de santé;
- Assurer le suivi/évaluation des activités planifiées et les réajuster au besoin ;
- Coordonner toutes les activités planifiées en organisant régulièrement des réunions du personnel ;
- Elaborer un plan de travail annuel en accord avec la communauté, le personnel de santé et les partenaires au développement intervenant en santé communautaire ;
- Superviser les activités des techniciens de santé communautaire et des agents de santé à base communautaire ;

- Faire la description des tâches et la planification des activités pour les techniciens de santé communautaires;
- Mettre régulièrement à jour les données disponibles sur les activités de santé communautaire ;
- Assurer l'archivage des données selon les activités menées et les problèmes de santé identifiés ;
- Organiser le système d'approvisionnement des médicaments destinés à la distribution à base communautaire ;
- Participer à l'audit des décès maternels et infantiles.

### **Taches liées à la fonction curative**

- Évaluer l'état de santé du malade;
- Prendre en charge le patient selon un plan d'intervention élaboré et la nomenclature définie dans les textes législatifs et réglementaires;
- Dispenser des soins avant, pendant et après l'accouchement ;
- Prendre en charge les maladies et les lésions courantes.

### **Taches liées à la fonction de formation et de recherche**

- Mettre à jour ses connaissances et renforcer le respect des normes professionnelles. ;
- Identifier les besoins de formation des membres de l'équipe de santé et des agents de santé communautaire;
- Participer à la planification, à l'exécution et à l'évaluation des programmes de formation du personnel de santé, des membres du comité de santé, des stagiaires, des techniciens de santé communautaire, des étudiants et des agents de santé à base communautaire ;
- Organiser la formation continue du personnel de santé selon des besoins de formation identifiés en conformité avec la santé communautaire ;
- Assurer la formation de tous les acteurs de santé communautaire ;
- Participer à l'organisation des stages de santé communautaire et à la supervision des stagiaires ;
- Identifier des thèmes pertinents de recherche dans le domaine de la santé communautaire ;
- Participer à la rédaction de protocoles de recherche ;
- Participer aux activités de recherche en santé communautaire ;
- Utiliser les bonnes pratiques et les résultats de recherche pour améliorer sa pratique professionnelle.

## GRANDES LIGNES DU PROGRAMME

**NIVEAU 100**

**PREMIERE ANNEE**

**PREMIER SEMESTRE**

CODE	NOTIONS	VOLUME HORAIRE			UNITES/ CREDITS
		Durée (H)	TH	PR	
1.LSC/ 1	Introduction à la santé communautaire	60	40	20	3
1.LSC /2	Soins de santé primaires et promotion de la santé	60	40	20	3
1.LSC /3	Informatique appliquée aux services de santé	40	10	30	2
1.LSC /4	Biologie générale	60	40	20	3
1.LSC /5	Physique générale	40	20	20	2
1.LSC /6	Chimie générale	40	20	20	2
1.LSC /7	Mathématiques générales	40	30	10	2
1.LSC /8	Logique et pensée créative	20	10	10	1
1.LSC /9	Droit administratif	40	30	10	2
1.LSC /10	Documentation	20	6	14	1
1.LSC /11	Introduction à la démographie	20	10	10	1
1.LSC /12	Anglais	60	30	30	3
<b>TOTAL</b>		<b>500</b>	<b>286</b>	<b>214</b>	<b>25</b>

**NIVEAU 100**

**PREMIERE ANNEE**

**DEUXIEME SEMESTRE**

CODE DU COURS	NOTIONS	VOLUME HORAIRE			UNITES/ CREDITS
		Durée (h)	TH	PR	
1. LSC /13	Diagnostic communautaire	60	20	40	3
1. LSC /14	Introduction à la sociologie de la santé	40	30	10	2
1. LSC /15	Introduction à la psychologie	40	20	10	2
1. LSC /16	Anatomie et physiologie	60	40	20	3
1. LSC /17	Aspects socioculturels de la santé	40	30	10	2
1. LSC /18	Nutrition et pathologies nutritionnelles	60	40	20	3
1. LSC /19	Introduction à la Bio-statistique	40	20	20	2
1. LSC /20	Gestion des déchets biomédicaux et sanitaires	40	10	30	2
Stage	Diagnostic communautaire	1 mois			
<b>TOTAL</b>		<b>380</b>	<b>210</b>	<b>160</b>	<b>19</b>

## Niveau 200 DEUXIEME ANNEE

## PREMIER SEMESTRE

CODE DU COURS	NOTIONS	VOLUME HORAIRE			UNITES/ CREDITS
		Durée (h)	TH	PR	
2LSC /1	Ethique en santé communautaire	40	30	10	2
2LSC /2	Mobilisation et participation communautaire	40	20	20	2
2LSC /3	Soins de santé primaires des yeux	40	30	10	2
2LSC /4	Promotion de l'hygiène	40	20	20	2
2LSC /5	Changements climatiques et problèmes actuels de santé environnementale	40	30	10	2
2LSC /6	Promotion de la santé	40	20	20	2
2LSC /7	Accidents et urgences	40	20	20	2
2LSC /8	IEC/CCC/Éducation pour la santé	40	20	20	2
2LSC //9	Santé scolaire	40	20	20	2
2LSC /10	Economie de la santé	40	30	10	2
2LSC /11	Système d'information sanitaire	40	20	20	2
<b>TOTAL</b>		<b>440</b>	<b>260</b>	<b>180</b>	<b>22</b>

## Niveau 200 DEUXIEME ANNEE

## DEUXIEME SEMESTRE

CODE DU COURS	INTITULE DU COURS	VOLUME HORAIRE			UNITES/ CREDITS
		Durée (h)	TH	PR	
2LSC /12	Maladies transmissibles et non transmissibles	60	40	20	3
2LSC /13	Sociologie médicale	40	40		2
2LSC /14	Santé de l'enfant	60	40	20	3
2LSC /15	Santé de la reproduction	60	40	20	3
2LSC. /16	Principes et méthodes de l'épidémiologie	40	30	10	2
2LSC /17	Surveillance épidémiologique des maladies transmissibles	40	20	20	2
2LSC /18	Immunologie, vaccination et gestion de la chaîne du froid	60	40	20	3
2LSC /19	Textes législatifs et réglementaires	60	40	20	3
2LSC /20	Soins en ORL	40	30	10	2
2LSC /21	Stage et entraînement clinique I	40	10	30	2
	<b>Stage clinique</b>	<b>2 mois</b>			
<b>TOTAL</b>		<b>500</b>	<b>330</b>	<b>170</b>	<b>25</b>

Niveau 300 TROISIEME ANNEE		PREMIER SEMESTRE			
CODE DU COURS	INTITULE DU COURS	VOLUME HORAIRE			UNITES/ CREDITS
		Durée (h)	TH	PR	
3LSC / 1	Introduction à la gestion des médicaments de base	40	30	10	2
3LSC /2	Gestion des services de santé	40	30	10	2
3LSC /3	Compétences cliniques	60	20	40	3
3LSC /4	Maladies transmissibles, maladies non transmissibles et chroniques	40	20	20	2
3LSC /5	Introduction aux lois en santé publique	40	30	10	2
3LSC /6	Gériatrie et gérontologie	40	20	20	2
3LSC /7	Suivi/évaluation de programme	60	30	30	3
3LSC /8	Méthodologie de la recherche	60	30	30	3
3LSC /9	Stage et entraînement clinique II	40	10	30	2
<b>TOTAL</b>		<b>420</b>	<b>230</b>	<b>190</b>	<b>21</b>

NIVEAU 300 TROISIEME ANNEE		DEUXIEME SEMESTRE			
CODE DU COURS	INTITULE DU COURS	VOLUME HORAIRE			UNITES/ CREDITS
		Durée(h)	TH	PR	
3LSC /10	Soins aux handicapés	40	20	20	2
3LSC /11	Volontariat et service mobile de santé	40	20	20	2
3LSC /12	Expérience communautaire supervisée	60	20	40	3
3LSC /13	Séminaire	40	10	40	2
3LSC /14	Compétence entrepreneuriale	40	10	30	2
3LSC /15	Santé bucco-dentaire	40	30	10	2
3LSC /16	Formation continue du personnel	60	30	30	3
3LSC /17	Projet de recherche	80	20	60	4
<b>STAGE</b>	<b>Interventions en santé communautaire</b>	<b>3 mois</b>			
<b>TOTAL</b>		<b>400</b>	<b>160</b>	<b>250</b>	<b>18</b>

### VOLUME HORAIRE GLOBAL

Le volume horaire (théorie + pratique) sans les stages est de 2640 heures et de 130 unités/crédits repartis comme suit, dans le tableau suivant :

### Tableau récapitulatif

ANNEES D'ETUDES	SEMESTRE	VOLUME HORAIRE			UNITES/ CREDITS
		Total	Théorie	Pratique	
Première année	Semestre 1	500	286	214	25
	Semestre 2	380	210	160	19
Deuxième année	Semestre 1	440	260	180	22
	Semestre 2	500	330	170	23
Troisième année	Semestre 1	420	230	190	21
	Semestre 2	400	160	250	18
<b>TOTAL</b>		<b>2640</b>	<b>1476</b>	<b>1164</b>	<b>130</b>



## DESCRIPTION DES COURS

**NIVEAU 100      PREMIERE ANNEE      PREMIER SEMESTRE**

### **INTITULE DU COURS : INTRODUCTION A LA SANTE COMMUNAUTAIRE**

**Code de Cours**                : 1 LSC/1

**Durée**                         : 60 heures

**Unités**                        : 3

**But** : Acquérir des connaissances de base en Santé communautaire.

#### **Objectif général** :

- comprendre les concepts de base en santé communautaire

#### **Objectifs opérationnels** :

1. Retracer l'historique de la santé communautaire
2. Définir le concept de santé communautaire à partir de ses composantes
3. Différencier les principaux concepts reliés à la santé communautaire
4. Expliquer les principes de la santé communautaire
5. Expliquer les buts et les avantages de la santé communautaire
6. Expliquer les objectifs de la santé communautaire
7. Décrire le rôle des praticiens de la santé de la communauté dans leur offre de services de santé dans des communautés diverses
8. Expliquer le concept d'inégalités sociales de santé
9. Expliquer la notion des déterminants sociaux et de santé
10. Expliquer les caractéristiques de la démarche communautaire de santé

#### **Contenu** :

- ✓ Politique et système de santé du Pays
- ✓ Pyramide sanitaire
- ✓ Historique de la santé communautaire
- ✓ Concept de santé communautaire à partir de ses composantes
- ✓ Principaux concepts alliés à la santé communautaire
- ✓ Principes de la santé communautaire
- ✓ buts et avantages de la santé communautaire
- ✓ Objectifs de la santé communautaire
- ✓ Rôle des praticiens de la santé de la communauté dans leur offre de services de santé dans des communautés diverses
- ✓ Concept d'inégalités sociales de santé
- ✓ Notion des déterminants sociaux et de santé
- ✓ Caractéristiques de la démarche communautaire de santé, acteurs de la santé communautaire

## **INTITULE DU COURS : SOINS DE SANTE PRIMAIRES ET PROMOTION DE LA SANTE**

**Code de Cours** : 1 LS/2

**Durée** : 60 heures

**Unités** : 3

**But** : Acquérir des connaissances en soins de santé primaires et promotion de la santé

### **Objectif général :**

- Appréhender l'importance des SSP et de la promotion de la santé dans la résolution des inégalités d'accès aux soins de santé

### **Objectifs opérationnels :**

1. Décrire le rôle du TSC selon les niveaux d'intervention des soins de santé primaires
2. Retracer l'historique des SSP et de la promotion de la santé
3. Définir les concepts de soins de santé primaires et de promotion de la santé
4. Situer la place des soins de santé primaires dans le système national de santé du pays.
5. Expliquer les principes fondamentaux qui sous-tendent les soins de santé primaires et les conditions préalables à la santé
6. Décrire toutes les composantes des soins de santé primaires et les axes d'interventions de la promotion de la santé
7. Expliquer l'importance de l'Initiative de Bamako/ Recouvrement du coût dans la mise en œuvre des soins de santé primaires
8. Enumérer les différentes stratégies des soins de santé primaires et de la promotion de la santé

### **Contenu :**

- ✓ Rôle du TSC selon les niveaux d'interventions des soins de santé primaires
- ✓ Historique des SSP et de la promotion de la santé
- ✓ Concepts : soins de santé primaires et promotion de la santé
- ✓ Place des soins de santé primaires dans le système national de santé du pays.
- ✓ Principes fondamentaux qui sous-tendent les soins de santé primaire et les conditions préalables à la santé
- ✓ Composantes des soins de santé primaire et les axes d'interventions de la promotion de la santé
- ✓ Importance de l'Initiative de Bamako/ Recouvrement du coût dans la mise en œuvre des soins de santé primaires
- ✓ Différentes stratégies des soins de santé primaires et de la promotion de la santé
- ✓ Définition de la santé et des soins de santé primaires,

## **INTITULE DU COURS : INFORMATIQUE APPLIQUÉE AUX SERVICES DE SANTE COMMUNAUTAIRE**

**Code de Cours** : 1 LSC/3

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en informatique appliquée aux services de santé communautaire

### **Objectifs généraux :**

- Maîtriser le système d'exploitation de l'ordinateur et les principes de base de l'utilisation de l'outil informatique et de l'internet

### **Objectifs opérationnels :**

1. Définir les concepts d'ordinateur et d'informatique,
2. Identifier les différents types d'ordinateurs,
3. Identifier les différentes parties d'un ordinateur,
4. Utiliser les logiciels les plus couramment utilisés et les fenêtres de Windows,
5. Expliquer le système de fonctionnement de l'ordinateur,
6. Expliquer la démarche d'utilisation d'un ordinateur,
7. Faire un traitement de texte et des données
8. Utiliser la technique de copie d'un texte,
9. Enregistrer un texte,
10. Effectuer des corrections et les formatages,
11. Vérifier l'orthographe ;
12. Utiliser l'imprimante,
13. créer des tableaux,
14. faire une présentation PowerPoint,
15. travailler en réseau,
16. utiliser l'internet et adresse électronique,

### **Contenu :**

- ✓ Historique de l'ordinateur digital,
- ✓ Définition de l'ordinateur,
- ✓ Différents types d'ordinateurs,
- ✓ Différentes parties d'un ordinateur,
- ✓ Logiciels les plus couramment utilisés et les fenêtres de Windows,

- ✓ Système de fonctionnement de l'ordinateur,
- ✓ Démarche d'utilisation d'un ordinateur,
- ✓ Traitement de texte,
- ✓ Technique de copie d'un texte,
- ✓ Enregistrement d'un texte,
- ✓ Corrections et formatages,
- ✓ Vérificateur d'orthographe ;
- ✓ Initiation à l'imprimante,
- ✓ Saisie et la correction des données,
- ✓ Utilisation de formules mathématiques,
- ✓ Formats numériques,
- ✓ Création des tableaux,
- ✓ Présentation PowerPoint,
- ✓ Travail en réseau,
- ✓ Internet et adresse électronique,
- ✓ Utilisation du courrier électronique,
- ✓ Forums de discussion.

## **INTITULE DU COURS : BIOLOGIE GENERALE**

**Code de Cours** : 1 LSC /4 :

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des connaissances de base en biologie générale

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser les notions de base de la biologie générale

### **Objectifs opérationnels :**

1. Décrire les principaux constituants d'une cellule
2. Décrire la physiologie cellulaire

### **Contenu :**

- ✓ Anatomie cellulaire : La membrane plasmique, le cytoplasme, le noyau, les organites
- ✓ Physiologie des différents constituants cellulaires
- ✓ la division cellulaire - la mitose et la méiose.

## **INTITULE DU COURS : PHYSIQUE GENERALE**

**Code de Cours** : 1 LSC/5

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des connaissances de base en physique générale

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de :

- Maitriser les principes fondamentaux de la mécanique.

### **Objectifs opérationnels :**

1. Expliquer les propriétés mécaniques de la matière
2. Expliquer les Ondes mécaniques, , la Physique thermique:
3. Identifier les propriétés thermiques
4. Expliquer les lois fondamentales de l'électricité et de magnétisme et leurs applications
5. Expliquer les principes et applications de l'optique géométrique et physique

### **Contenu :**

- ✓ Propriétés mécaniques de la matière : l'élasticité, la tension de surface et viscosité,
- ✓ Ondes mécaniques,
- ✓ Physique thermique:
- ✓ Propriétés thermiques (thermodynamique élémentaire et théorie du mouvement.)
- ✓ Lois fondamentales de l'électricité et de magnétisme et leurs applications
- ✓ Optiques : principes et applications de l'optique géométrique et physique.

## **INTITULE DU COURS : CHIMIE GÉNÉRALE**

**Code de Cours** : 1 LSC/6

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des connaissances de base en chimie générale

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser les notions élémentaires en réactions chimiques

### **Objectifs opérationnels :**

1. Etablir la configuration électronique,
2. Expliquer le noyau et la radioactivité,
3. Expliquer les liens métalliques et liens intermoléculaires,
4. Classifier les éléments,
5. Expliquer la présentation orbitale atomique,
6. Expliquer la gradation des propriétés atomiques
7. Expliquer la théorie du mouvement et les états de la matière

### **Contenu :**

- ✓ Configuration électronique,
- ✓ Noyau et la radioactivité,
- ✓ Liens métalliques et liens intermoléculaires,
- ✓ Classification des éléments,
- ✓ Présentation orbitale atomique,
- ✓ Gradation des propriétés atomiques (concept de mole 1 et 2),
- ✓ Théorie du mouvement et les états de la matière (gaz, liquides et 1 solides),

## **INTITULE DU COURS : MATHEMATIQUES GENERALES**

**Code de Cours** : 1 LSC /7

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des connaissances de base en mathématiques générales

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser les formules mathématiques courantes

### **Objectifs opérationnels**

1. Définir la notion de mathématique générale
2. Enumérer les formules courantes de mathématique générale
3. Effectuer des calculs de probabilité

### **Contenu :**

- ✓ Notion de mathématique générale
- ✓ formules courantes de mathématique générale
- ✓ Calculs de probabilité



## **INTITULE DU COURS : LOGIQUE ET PENSÉE CRÉATIVE**

**Code de Cours** : 1 LSC/ 8

**Durée** : 20 heures

**Unités** : 1

### **But :**

Acquérir des connaissances de base en logique et pensée créative

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de connaître les éléments de base de la logique et de la pensée créative

### **Objectifs opérationnels :**

1. Définir la notion de logique et de pensée créative
2. Expliquer les principes de la base de la logique et de la pensée créative
3. Utiliser les différents outils de la logique et de la pensée créative dans la construction de leurs argumentations.

### **Contenu :**

- ✓ notion et de pensée créative
- ✓ Principes de la base de la logique et de la pensée créative
- ✓ Utilisation des différents outils de la logique et de la pensée créative dans la construction des argumentations

## **INTITULE DU COURS : DROIT ADMINISTRATIF**

**Code de Cours** : 1 LSC/ 9

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des connaissances de base en droit administratif

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'appréhender le droit administratif du pays

### **Objectifs opérationnels :**

1. Expliquer la constitution du pays
2. Expliquer l'importance de la constitution internationale
3. Effectuer une analyse comparative de la constitution du pays et de la constitution internationale
4. Décrire le processus d'élaboration d'une constitution
5. Expliquer les droits fondamentaux d'un citoyen dans un pays ;
6. Expliquer les différents modes d'acquisition de la nationalité d'un pays ;
7. Évaluer les avantages et les inconvénients de la citoyenneté acquise ;
8. Analyser la base de retrait de la citoyenneté acquise ;

### **Contenu :**

- ✓ Concept de constitution, règle du droit
- ✓ Différents types de constitution,
- ✓ Avantages et limites de la constitution,
- ✓ Dispositions de la constitution internationale,
- ✓ Importance de la constitution nationale par rapport aux autres lois locales ou nationales
- ✓ Processus d'élaboration d'une constitution,
- ✓ Décentralisation,
- ✓ Organisations régionales et sous-régionales,
- ✓ Ordres professionnels de la santé,
- ✓ Droit et devoirs du citoyen, Institution de la république.

## **INTITULE DU COURS : DOCUMENTATION**

**Code de Cours** : 1 LSC /10

**Durée** : 20 heures (10 heures CT et 10 heures TD)

**Unités** : 1

### **But :**

Acquérir des compétences de base en recherche documentaire

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de mener une recherche documentaire en bibliothèque et sur le net.

### **Objectifs opérationnels :**

1. Définir les concepts de base de la bibliothéconomie,
2. Citer les types de bibliothèques et les formes de services de bibliothèque.
3. Expliquer le catalogage et les systèmes de classification des livres.
4. Décrire les qualités d'une bonne bibliothèque.
5. Expliquer la place de l'éthique dans la gestion d'une Bibliothèque
6. Expliquer le concept d'E-bibliothèque

### **Contenu :**

- ✓ Concepts de base de la bibliothéconomie,
- ✓ Types de bibliothèques et formes de services de bibliothèque.
- ✓ Catalogage et systèmes de classification des livres.
- ✓ Qualités d'une bonne bibliothèque.
- ✓ Place de l'éthique dans la gestion d'une Bibliothèque
- ✓ Concept d'E-bibliothèque

## **INTITULE DU COURS : INTRODUCTION A LA DEMOGRAPHIE**

**Code de Cours** : 1 LSC/11

**Durée** : 20 heures

**Unités** : 1

### **But :**

Acquérir des connaissances de base en démographie

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de comprendre les concepts de base de la démographie

### **Objectifs opérationnels :**

1. Définir les concepts relatifs à la démographie.
2. Décrire la structure de la population et ses caractéristiques,
3. Expliquer les déterminants de la croissance démographique et de la distribution,
4. Identifier les sources des données démographiques,
5. Identifier les effets de la structure de la population sur la santé,
6. Expliquer les Systèmes d'enregistrement civil,
7. Calculer les mesures et écarts de mortalité,
8. Expliquer les concepts et mesures de tables de fécondité,
9. Expliquer la politique nationale de la population

### **Contenu :**

- ✓ Démographie: définition et concepts.
- ✓ Structure de la population et ses caractéristiques,
- ✓ Déterminants de la croissance démographique et de la distribution,
- ✓ Sources de données démographiques :
- ✓ Effets de la structure de la population sur la santé,
- ✓ Systèmes d'enregistrement civil,
- ✓ Mesures et écarts de mortalité,
- ✓ Concepts, et mesures de tables de fécondité,
- ✓ Migrations,
- ✓ Politique nationale de la population

## **INTITULE DU COURS : ANGLAIS**

**Code de Cours** : 1 LSC /12  
**Durée** : 60 heures  
**Unités** : 3

### **But :**

Acquérir des compétences en anglais

### **Objectif général**

A la fin du cours l'étudiant doit être capable d'utiliser l'anglais dans toutes ses activités

### **Objectifs opérationnels :**

1. Poser de bonnes questions dans les services de santé et communauté.
2. Donner des instructions correctes aux malades et leurs parents.
3. Faire une description correcte des instruments, outils, médicaments, maladies
4. décrire les différents types d'essais.
5. Expliquer l'ordre logique de la présentation
6. Expliquer les différents types de phrases.
7. Expliquer les parties d'une phrase
8. Expliquer les temps
9. Décrire les différents types de lettres d'affaire c'est-à-dire demandes, requêtes, invitations et plaintes.
10. Utiliser la langue appropriée pour la rédaction d'un type particulier de lettre
11. Ecrire les différents types de lettres
12. Expliquer les techniques de la rédaction d'une publication

### **Contenu :**

- ✓ Essai sur des sujets d'actualité.
- ✓ Essais publiés pour leur intérêt littéraire.
- ✓ Développement des idées dans un article donné.
- ✓ Rédaction des articles pour la publication.
- ✓ Rédaction du rapport
  - caractéristiques d'un bon rapport
  - étapes de la rédaction d'un rapport
  - évaluation du rapport
- ✓ Développement du vocabulaire : Voyelles et consonnes, concordance de temps
- ✓ Rédaction des correspondances et des articles
- ✓ Illustration
- ✓ Description
- ✓ Techniques des résumés, Interview, Présentation des discours en anglais

## **INTITULE DU COURS : DIAGNOSTIC COMMUNAUTAIRE**

**Code de Cours** : 1 LSC /13

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des compétences en diagnostic communautaire

### **Objectif général :**

- Poser un diagnostic de santé communautaire

### **Objectifs opérationnels :**

1. Définir le concept de diagnostic communautaire,
2. Expliquer les caractéristiques de la démarche communautaire,
3. Identifier les caractéristiques de la communauté ;
4. Identifier les besoins et les problèmes d'une communauté
5. Analyser les données
6. Interpréter les données

### **Contenu :**

- ✓ Définition du diagnostic communautaire,
- ✓ Caractéristiques de la démarche communautaire,
- ✓ Caractéristiques de la communauté ;
- ✓ Identification des besoins et problèmes d'une communauté
- ✓ Analyse et interprétation des données d'une communauté

## **INTITULE DU COURS : EXPRESSION FRANÇAISE**

**Code de Cours** : ILSC/14

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en expression française

### **Objectif général :**

A la fin du cours l'étudiant doit être capable d'utiliser le français dans toutes ses activités

### **Objectifs opérationnels :**

1. Poser de bonnes questions dans les services de santé et communauté.
2. Donner des instructions correctes aux malades et leurs parents.
3. Faire une description correcte des instruments, outils, médicaments, maladies
4. décrire les différents types d'essais.
5. Expliquer l'ordre logique de la présentation
6. Expliquer les différents types de phrases.
7. Expliquer les parties d'une phrase
8. Expliquer les temps
9. Décrire les différents types de lettres d'affaire c'est-à-dire demandes, requêtes, invitations et plaintes.
10. Utiliser la langue appropriée pour la rédaction d'un type particulier de lettre
11. Ecrire les différents types de lettres
12. Expliquer les techniques de la rédaction d'une publication

### **Contenu :**

- ✓ Essai sur des sujets d'actualité.
- ✓ Essais publiés pour leur intérêt littéraire.
- ✓ Développement des idées dans un article donné.
- ✓ Rédaction des articles pour la publication.
- ✓ Rédaction du rapport
  - caractéristiques d'un bon rapport
  - étapes de la rédaction d'un rapport
  - évaluation du rapport
- ✓ Développement du vocabulaire : Voyelles et consonnes, concordance de temps
- ✓ Rédaction des correspondances et des articles
- ✓ Illustration, description, techniques des résumés, interview, présentation des discours en français

## **NIVEAU 200 DEUXIEME SEMESTRE**

### **INTITULE DU COURS : INTRODUCTION A LA SOCIOLOGIE**

**Code de Cours** : 1 LSC/ 15

**Durée** : 40 heures

**Unités** : 2

#### **But :**

Acquérir des connaissances de base en sociologie

#### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de comprendre les notions de base en sociologie

#### **Objectifs opérationnels :**

1. Définir la sociologie
2. Retracer l'histoire de la sociologie,
3. Expliquer les perspectives de la sociologie,
4. Décrire l'organisation traditionnelle de la société ;
5. Identifier les groupes et les systèmes normatifs et culture ;
6. Connaître les Institutions sociales ;
7. Connaître les organisations religieuses et confessionnelles.

#### **Contenu :**

- ✓ Définition de la sociologie
- ✓ Histoire de la sociologie,
- ✓ Perspectives de la sociologie,
- ✓ Organisation traditionnelle de la société ;
- ✓ Groupes et systèmes normatifs et culture ;
- ✓ Institutions sociales ;
- ✓ Organisations religieuses et confessionnelles.



## **INTITULE DU COURS : INTRODUCTION A LA PSYCHOLOGIE**

**Code de Cours** : 1 LSC /16

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des connaissances de base en psychologie

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de comprendre les notions de base en psychologie

### **Objectifs opérationnels :**

1. Décrire l'évolution du comportement de l'homme,
2. Expliquer les principes de l'évolution de la personnalité,
3. Décrire le processus d'apprentissage,
4. Décrire le processus de constitution et de changement d'attitude

### **Contenu :**

- ✓ Evolution du comportement de l'homme,
- ✓ Principe de l'évolution de la personnalité,
- ✓ Processus d'apprentissage,
- ✓ Mémoire humaine,
- ✓ Emotions humaines,
- ✓ Processus de constitution et de changement d'attitude,

## **INTITULE DU COURS : ANATOMIE ET PHYSIOLOGIE**

**Code de Cours** : 1 LSC /17

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des connaissances de base en anatomie physiologie

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de comprendre l'anatomie et le fonctionnement de l'organisme humain

### **Objectifs opérationnels :**

1. Décrire l'anatomie et la physiologie de l'organisme humain
2. Expliquer le fonctionnement des organes, appareils et des systèmes de l'organisme humain

### **Contenu :**

- anatomie du :
- ✓ système cardio-vasculaire,
  - ✓ le système respiratoire,
  - ✓ le système génito-urinaire,
  - ✓ le système digestif,
  - ✓ le système reproductif,
  - ✓ Système locomoteur
  - ✓ organes de sens : peau, œil, oreille, nez
  - ✓ Système bucco-dentaire
  - ✓ système endocrine et lymphatique etc.
  - ✓ organes de sens spéciaux,
  - ✓ cellules et des tissus de l'organisme ;
    - Physiologie du :
      - ✓ système cardio-vasculaire,
      - ✓ système respiratoire,
      - ✓ système génito-urinaire,
      - ✓ système digestif,
      - ✓ système reproductif,
      - ✓ système endocrine et lymphatique etc.
      - ✓ organes de sens spéciaux, etc.

## **INTITULE DU COURS : ASPECTS SOCIOCULTURELS DE LA SANTE**

**Code de Cours** : 1 LSC/ 18

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des connaissances sur les aspects socioculturels de la santé

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de comprendre les aspects socioculturels de la sante

### **Objectifs opérationnels :**

1. expliquer les déterminants socioculturels de la santé
2. Expliquer les pratiques néfastes à la santé

### **Contenu :**

- ✓ Déterminants socioculturels de la santé
- ✓ Pratiques néfastes à la santé

## **INTITULE DU COURS : NUTRITION ET PATHOLOGIES NUTRITIONNELLES**

**Code de Cours** : 1 ISC/ 19

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des compétences en nutrition et dans la prise en charge des pathologies nutritionnelles

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de :

- Comprendre les éléments de base de la nutrition
- Assurer la prise en charge des pathologies nutritionnelles

### **Objectifs opérationnels :**

1. Définir le concept de nutrition
2. Etablir la classification des aliments
3. Déterminer les différentes valeurs nutritionnelles des aliments et leurs impacts sur la santé
4. Déterminer le régime du sevrage
5. Prescrire un régime thérapeutique
6. Conseiller à la population l'importance du respect de l'hygiène alimentaire
7. Identifier les Maladies nutritionnelles

### **Contenu :**

- ✓ Généralités sur la nutrition
- ✓ Classification des aliments
- ✓ Valeurs nutritionnelles des aliments et leurs impacts sur la santé
- ✓ Sélection et formulation des régimes de sevrage
- ✓ Préparation et régime thérapeutique
- ✓ Diabétique et régime alimentaire
- ✓ Hygiène alimentaire
- ✓ Maladies nutritionnelles : obésité, dénutrition, avitaminose.

## **INTITULE DU COURS : INTRODUCTION A LA BIOSTATISTIQUE**

**Code de Cours** : 1 LSC/ 20

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des connaissances de base en biostatistique

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de comprendre les notions en biostatistique

### **Objectifs opérationnels :**

1. Appréhender les différentes notions sur la bio statistique dans les soins de santé,
2. Décrire le processus statistique,
3. Expliquer les différentes méthodes statistiques courantes
4. Faire des analyses statistiques

### **Contenu :**

- ✓ Généralités sur les applications de la bio statistique dans les soins de santé,
- ✓ Processus statistique,
- ✓ Méthodes statistiques courantes
- ✓ Analyses statistiques

## **INTITULE DU COURS : GESTION DES DECHETS BIOMEDICAUX**

**Code de Cours** : ILSC/ 21

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences dans la gestion des déchets biomédicaux

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'assurer la gestion des déchets biomédicaux

### **Objectifs opérationnels :**

1. Définir le déchet biomédical
2. Classifier les déchets biomédicaux.
3. Identifier les sources et impacts des déchets biomédicaux sur la santé.
4. Participer à la gestion des déchets biomédicaux et ordinaires,
5. Déterminer les étapes de manipulation et de transport des déchets biomédicaux et ordinaires.
6. Identifier les technologies de traitement des déchets biomédicaux et ordinaires
7. Déterminer le mode de recyclage et de réutilisation des déchets
8. Décrire le rôle de la législation dans la gestion des déchets biomédicaux et ordinaire.
9. Expliquer les différentes méthodes d'élimination des déchets biomédicaux et Ordinaires.
10. Identifier les règles de santé et de sécurité pour le personnel et les travailleurs associés.
11. Identifier les méthodes de contrôle des infections et d'intervention d'urgence,

### **Contenu :**

- ✓ Définition et classification des déchets biomédicaux.
- ✓ Sources et impacts des déchets biomédicaux sur la santé.
- ✓ Gestion des déchets biomédicaux et ordinaires,
- ✓ Manutention et transport des déchets biomédicaux et ordinaires.
- ✓ Technologies de traitement des déchets biomédicaux et ordinaires
- ✓ Recyclage et réutilisation des déchets
- ✓ Rôle de la législation dans la gestion des déchets biomédicaux et ordinaire les.
- ✓ Méthodes d'élimination des déchets biomédicaux et Ordinaires.
- ✓ Règles de santé et de sécurité pour le personnel et les travailleurs associés.
- ✓ Contrôle des infections et d'intervention d'urgence,

## **NIVEAU 200 PREMIER SEMESTRE**

### **INTITULE DU COURS : ETHIQUE EN SANTE COMMUNAUTAIRE**

**Code de Cours** : 2 LSC /1

**Durée** : 40 heures

**Unités** : 2

#### **But :**

Acquérir des connaissances en éthique appliquée à la santé communautaire

#### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de comprendre les éléments en éthique appliquée à la santé communautaire

#### **Objectifs opérationnels :**

1. Définir le concept de moralité
2. Identifier les aspects légaux de la pratique en santé communautaire.
3. Etablir les relations intra et inter professionnelles.
4. Identifier l'Institution de relation professionnelle et autorité légale
5. Expliquer les éléments contenus dans le code de déontologie

#### **Contenu :**

- ✓ Généralités
- ✓ Ethique : aspects légaux de la pratique en santé communautaire.
- ✓ Concept de moralité.
- ✓ Relations intra et inter professionnelles.
- ✓ Institutions de relation professionnelle et autorité légale
- ✓ Code de déontologie

## **INTITULE DU COURS : MOBILISATION ET PARTICIPATION COMMUNAUTAIRE**

**Code de Cours** : 2 LSC/ 2

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en mobilisation et participation communautaire

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser la mobilisation et la participation communautaire

### **Objectifs opérationnels :**

1. Définir les concepts relatifs à la mobilisation communautaire
2. Définir le plaidoyer, le diagnostic et la participation de la communauté.
3. Identifier les étapes et niveaux de plaidoyer,
4. Poser un diagnostic communautaire
5. Faire la mobilisation communautaire.
6. Traiter l'information pendant le plaidoyer,
7. Déterminer les instruments utilisés en analyse situationnelle et en diagnostic communautaire.
8. Décrire le processus et les méthodes pour la présentation du message de plaidoyer et diagnostic communautaire
9. Utiliser le matériel de plaidoyer.
10. Former les comités d'exécution

### **Contenu :**

- ✓ Définition des concepts relatifs à la mobilisation communautaire
- ✓ Définition du plaidoyer, du diagnostic et de la participation de la communauté.
- ✓ Etapes et niveaux de plaidoyer,
- ✓ Diagnostic et mobilisation de la communauté.
- ✓ Traitement de l'information pendant le plaidoyer,
- ✓ Diagnostic et mobilisation de la communauté.
- ✓ Instruments utilisés en analyse situationnelle et en diagnostic communautaire.
- ✓ Processus et méthodes pour la présentation du message de plaidoyer et diagnostique de la communauté.
- ✓ Usage de matériel de plaidoyer.
- ✓ Formation et organisation des comités d'exécution



## **INTITULE DU COURS : SOINS DE SANTE PRIMAIRES DES YEUX**

**Code de Cours** : 2 LSC/ 3

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en soins de santé primaires des yeux

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable d'assurer les soins de santé primaires des yeux

### **Objectifs opérationnels :**

1. Faire un rappel de l'anatomique et de la physiologie des yeux,
2. Identifier l'équipement de base vital et son usage dans le diagnostic et le traitement des maladies des yeux.
3. Sensibiliser les communautés sur les pratiques nocives aux yeux

### **Contenu :**

- ✓ Rappel anatomique et physiologie des yeux,
- ✓ Equipement de base et son usage dans le diagnostic et le traitement des maladies des yeux.
- ✓ Pratiques nocives aux yeux

**INTITULE DU COURS : PROMOTION DE L'HYGIENE**

Code de Cours : 2 LS/ 4

**Durée** : 40 heures

**Unités** : 2

**But :**

Acquérir des compétences en hygiène

**Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de promouvoir l'hygiène dans toutes les circonstances

**Objectifs opérationnels :**

- Définir le concept d'hygiène,
- Décrire les domaines de l'hygiène
- Mener des activités de promotion de l'hygiène

**Contenu :**

- ✓ Concept d'hygiène
- ✓ Domaines de l'hygiène :
  - Hygiène corporelle,
  - Hygiène vestimentaire,
  - Hygiène alimentaire,
  - Hygiène du milieu,
  - Hygiène du travail,
  - Nuisance sonore.
- ✓ Activités de promotion de l'hygiène

## **INTITULE DU COURS : CHANGEMENT CLIMATIQUE ET LES PROBLEMES ACTUELS DE SANTE ENVIRONNEMENTALE**

**Code de Cours** : 2 LSC/ 5

**Durée** : 40 heures

**Unités** : 2

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de :

- Maitriser les risques sanitaires liés à l'eau, à l'assainissement, à l'air et aux changements climatiques et à l'habitat
- Gérer les déchets issus de soins
- Maitriser la démarche utilisée en santé publique en rapport avec la santé environnementale
- Maitriser la démarche d'évaluation des risques
- Maitriser les principes généraux de gestion des risques

### **Objectifs opérationnels :**

1. Identifier les risques sanitaires en lien avec la santé environnementale
2. Identifier les procédés de traitement des eaux
3. Identifier les ouvrages d'évacuation d'eau usée et des excréta
4. Expliquer les enjeux environnementaux liés à la filière de gestion des déchets
5. Classifier les déchets
6. Expliquer le système de collecte, de transport, de tri et de recyclage des déchets
7. Décrire les différentes étapes de gestion des déchets
8. Expliquer les risques liés aux changements climatiques
9. Expliquer les étapes d'évaluation des risques liés à la santé
10. Planifier des actions de prévention
11. Faire le suivi des actions planifiées

### **Contenu :**

- ✓ Généralités sur la santé environnementale
- ✓ Risques sanitaires en lien avec la santé environnementale
- ✓ Procédés de traitement des eaux
- ✓ Ouvrages d'évacuation d'eau usée et des excréta
- ✓ Enjeux environnementaux liés à la filière de gestion des déchets
- ✓ Classification des déchets
- ✓ Système de collecte, de transport, de tri et de recyclage des déchets
- ✓ Étapes de gestion des déchets
- ✓ Changement climatique

- ✓ Nature du changement climatique,
- ✓ Espaces verts
- ✓ Réchauffement climatique
- ✓ Rayonnement ultraviolet
- ✓ Risques pour la santé associés à la couche d'ozone
- ✓ Évaluation des risques d'appauvrissement de l'ozone
- ✓ Types d'environnement
- ✓ Caractéristiques des divers types d'environnement.
- ✓ Composantes de la santé environnementale
- ✓ Interrelations entre la santé et l'environnement.
- ✓ Classification des risques en santé environnementale.
- ✓ Pollution atmosphérique
- ✓ Pollution de l'eau
- ✓ Pollution du sol.

**INTITULE DU COURS : PROMOTION DE LA SANTE**

**Code de Cours** : 2 LSC/ 6

**Durée** : 40 heures

**Unités** : 2

**But :**

Acquérir des compétences en promotion de la santé

**Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'assurer des activités de promotion de la santé de l'individu, de la famille et de la communauté

**Objectifs opérationnels :**

1. Retracer l'historique de la promotion de la santé
2. Définir la promotion de la santé ;
3. Expliquer les différents axes d'intervention pour la promotion de la santé,
4. Expliquer les stratégies de promotion de la santé

**Contenu :**

- ✓ Historique
- ✓ définition ;
- ✓ axes d'intervention,
- ✓ stratégies

## **INTITULE DU COURS : ACCIDENTS ET URGENCES**

**Code de Cours** : 2LSC/7

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des connaissances en matière d'accidents et d'urgences

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable d'appréhender les éléments de prévention des accidents et des urgences dans la limite de ses compétences

### **Objectifs opérationnels :**

1. Expliquer les circonstances de survenue d'un accident ou d'une urgence
2. Identifier les maladies et blessures,
3. Définir les urgences chirurgicales et médicales
4. Déterminer les éléments de prévention des accidents à la maison et dans la communauté
5. Connaître les éléments de la prévention routière

### **Contenu :**

- ✓ Circonstances de survenue d'un accident ou une urgence
- ✓ Maladies et blessures,
- ✓ Urgences chirurgicales et médicales
- ✓ Prévention des accidents à la maison et dans la communauté
- ✓ Prévention routière

## **INTITULE DU COURS : IEC/CCC/ EDUCATION POUR SANTE**

**Code de Cours** : 2 LS/ 8

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en IEC/CCC

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'assurer l'IEC/CCC

### **Objectifs opérationnels :**

1. Connaître les principes et la justification de l'éducation pour la santé
2. Identifier les différents médias de communication et d'éducation.
3. Expliquer les principes généraux de communication.
4. Identifier les activités promotionnelles de santé pour faire ressortir les besoins en santé de la communauté.
5. Décrire le processus de planification, d'exécution, de suivi et d'évaluation des programmes d'éducation en santé dans la communauté.
6. Mettre en œuvre des activités d'IEC/CCC

### **Contenu :**

- ✓ Principes et justification de l'éducation en matière de santé.
- ✓ Média de communication et d'éducation.
- ✓ Principes généraux de communication.
- ✓ Activités promotionnelles de santé
- ✓ Processus en planification, exécution, suivi et évaluation des programmes d'éducation en santé dans la communauté.

## **INTITULE DU COURS : SANTE SCOLAIRE**

**Code de Cours** : 2 LSC/ 9

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en santé scolaire

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'assurer les prestations de santé scolaire

### **Objectifs opérationnels :**

1. Définir le concept de services de santé scolaire,
2. Identifier les besoins sanitaires de l'élève,
3. Gérer les conditions globales de santé entre élèves,
4. Identifier la procédure de conduite d'examens médicaux chez les élèves,
5. Organiser des soins médicaux qui prennent en compte les besoins des élèves,
6. Promouvoir un bon environnement scolaire

### **Contenu :**

- ✓ Concept de services de santé scolaire,
- ✓ Besoins sanitaires de l'élève,
- ✓ Gestion de conditions globales de santé entre élèves,
- ✓ Procédure de conduite d'examens médicaux chez les élèves,
- ✓ Organisation de soins médicaux qui prennent en compte les besoins des élèves,
- ✓ Promotion d'un bon environnement scolaire favorable



**INTITULE DU COURS : ECONOMIE DE LA SANTE**

**Code de Cours** : 2 LSC /10

**Durée** : 40 heures

**Unités** : 2

**But :**

Acquérir des connaissances en économie de la santé

**Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de comprendre les éléments de base de l'économie de la santé.

**Objectifs opérationnels :**

1. Définir des concepts généraux en économie de la santé
2. Expliquer les approches de la planification financière,

**Contenu :**

- ✓ Concepts généraux en économie de la santé (Aspects financiers, Biens et services économiques, Besoins économiques, Opportunités et coûts, Pénurie, demande et offre).
- ✓ Approches de la planification financière,

## **INTITULE DU COURS : SYSTEME D'INFORMATION ET DE GESTION DES DONNEES**

**Code de Cours** : 2 LSC/ 11

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences dans le système d'information et de gestion des données

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser le système d'information et de gestion des données

### **Objectifs opérationnels :**

1. Définir les concepts relatifs au système d'information sanitaires,
2. Décrire le processus de gestion de systèmes d'informations
3. Connaitre les Indicateurs nationaux de santé,
4. Identifier les documents guides et autres formes d'orientation, monitoring, supervision et évaluation de Soins de santé primaires,
5. Décrire le système d'information basé sur la communauté
6. Identifier les sources d'informations en matière de santé,
7. Expliquer le mécanisme de collecte des données,
8. Identifier les supports de collecte des données
9. Analyser les données
10. Traiter les données.

### **Contenu :**

- ✓ Définitions de concepts et de terminologies,
- ✓ Processus de gestion de systèmes d'informations
- ✓ Indicateurs nationaux de santé,
- ✓ Documents guides et autres formes d'orientation, monitoring, supervision et évaluation de Soins de santé primaires,
- ✓ Système d'information basé sur la communauté
- ✓ Sources d'informations en matière de santé,
- ✓ Mécanisme de collecte des données,
- ✓ Supports de collecte des données
- ✓ Analyse et traitement des données.

## **INTITULE DU COURS : MALADIES TRANSMISSIBLES ET NON TRANSMISSIBLES**

**Code de Cours** : 2 LSC /12

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des connaissances sur les maladies transmissibles et non transmissibles

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de connaître les maladies transmissibles et non transmissibles

### **Objectifs opérationnels :**

1. Définir les concepts de maladies transmissibles et non transmissibles
2. Décrire l'étiologie, l'épidémiologie, les facteurs prédisposant, les signes cliniques, les symptômes, le traitement et les mesures préventives des maladies transmissibles et non transmissibles
3. Expliquer les règles et le contrôle des maladies transmissibles et non transmissibles,
4. Définir le concept de l'immunité et vaccination par rapport aux maladies transmissibles et non transmissibles.,
5. Identifier les maladies pandémiques,
6. Identifier les mesures préventives et la gestion des maladies transmissibles et non transmissibles
7. Décrire le Procédure de rapportage des maladies pandémiques
8. Décrire le rôle de l'individu, de la famille, de la communauté, du gouvernement et des institutions internationales dans le contrôle des maladies non transmissibles

### **Contenu :**

- ✓ **Maladies transmissibles**, Etiologie, épidémiologie, facteurs prédisposant, signes cliniques, symptômes, traitement et mesures préventives
- ✓ Règles et contrôle des maladies transmissibles,
- ✓ Concept de l'immunité et vaccination par rapport aux maladies transmissibles.,
- ✓ Identification des maladies pandémiques,
- ✓ Procédure de rapportage des maladies pandémiques
- ✓ **Maladies non transmissibles** : étiologie, épidémiologie, causes, facteurs prédisposant signes cliniques, symptômes
- ✓ Gestion et mesures préventives,
- ✓ Rôle de l'individu, de la famille, de la communauté, du gouvernement et des institutions internationales dans le contrôle des maladies non transmissibles.

## **INTITULE DU COURS : SOCIOLOGIE MEDICALE**

**Code de Cours** : 2 LSC/13

**Durée** : 40 heures

**Unités** : 2

**But** : Acquérir des connaissances en sociologie médicale

### **Objectif général** :

A la fin de ce cours l'étudiant devrait être capable de comprendre la relation entre la sociologie et les sciences médicales et l'application de celle-ci dans le système de soins de santé.

### **Objectifs opérationnels** :

1. Définir la nature et l'importance de la sociologie de la santé.
2. Définir les concepts de santé et mauvaise santé.
3. Analyser les implications sociales et culturelles de la mauvaise santé.
4. Identifier les causes des principales maladies tropicales
5. Justifier la réaction de la famille/société aux maladies citées.
6. Regrouper les maladies d'aisance et maladies de pauvreté
7. Expliquer la relation entre les classes sociales et les maladies
8. Décrire l'aspect socioculturel de l'emplacement de l'institution de santé.
9. Décrire les caractéristiques particulières des institutions de santé.
10. Evaluer la meilleure méthode de soins de santé en prenant les hôpitaux modernes, les centres de santé comme références.
11. Analyser la relation de santé-maladie.
12. Evaluer les relations entre les professionnels de santé.
13. Identifier le rôle de l'administration de santé et les professionnels de santé.

### **Contenu** :

- ✓ Nature et l'importance de la sociologie de la santé. Définir les concepts de : santé et mauvaise santé. Analyser les implications sociales et culturelles de la mauvaise santé.
- ✓ Causes des maladies tropicales suivantes : Schistosomiase, onchocercose, poliomyélite, anémie, paludisme chronique, conjonctivite, hépatite, maladies cardiovasculaires, diabète, hypertension, maladie mentale.
- ✓ Justification de la réaction de la famille/société aux maladies citées dans le point ci-dessus.
- ✓ Maladies d'aisance et maladies de pauvreté ( hypertension, maladie cardiovasculaire, diabète, obésité, accident cardiaque, tuberculose, maladies rénales, etc.)
- ✓ Relation entre classes sociales et les maladies citées dans le point ci-dessus
- ✓ Aspect socioculturel de l'emplacement de l'institution de santé. Décrire les caractéristiques particulières aux institutions de santé.
- ✓ Meilleures méthodes de soins de santé dans les hôpitaux modernes, les centres de santé.
- ✓ Relation de santé-malade, les relations entre les professionnels de santé.
- ✓ Rôle de l'administration de santé et les professionnels de la santé.

## **NIVEAU 200 DEUXIEME SEMESTRE**

### **INTITULE DU COURS : SANTE DE L'ENFANT**

**Code de Cours** : 2 LSC /14

**Durée** : 60 heures

**Unités** : 3

#### **But :**

Acquérir des compétences dans la prise en charge des maladies de l'enfant

#### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de prendre les maladies de l'enfant:

#### **Objectifs opérationnels :**

1. Effectuer les soins au nouveau-né,
2. Décrire le processus de croissance et de nutrition des enfants de 0 à 5 ans,
3. Evaluer le statut de santé et le statut vaccinal des enfants de 0 à 5 ans,
4. Prendre en charge intégrée des maladies de l'enfant
5. Définir les principales notions en droits des enfants

#### **Contenu :**

- ✓ Soins au nouveau-né,
- ✓ Processus de croissance et de nutrition des enfants de 0 à 5 ans,
- ✓ Evaluation du statut de santé et du statut vaccinal des enfants de 0 à 5 ans,
- ✓ Prise en charge intégrée des maladies de l'enfant
- ✓ Notions en droits des enfants

## **INTITULE DU COURS : SANTE DE LA REPRODUCTION**

**Code de Cours** : 2 LSC/ 15

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des compétences en santé de la reproduction

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable d'assurer les soins en santé de la reproduction

### **Objectifs opérationnels :**

1. Définir les concepts de santé de la reproduction, d'infertilité, de ménopause et d'andropause
2. Décrire l'anatomie et la physiologie des systèmes reproductifs de l'homme et femme,
3. Expliquer les méthodes de planification familiale utilisées pour les jeunes,
4. Décrire le processus de la grossesse chez la jeune et adolescente
5. Dispenser des soins prénatals et postnatals,
6. Dispenser des soins aux mères et aux enfants
7. Effectuer la prise en charge de l'avortement et les complications,
8. Effectuer la prise en charge des grossesses à risque,
9. Expliquer le phénomène de sexualité et son évolution chez l'adolescent,
10. Expliquer les droits liés à la santé de la reproduction de l'adolescent,
11. Expliquer les principes d'échanges chez les jeunes et les adolescents,
12. Prendre en charge les IST/VIH-SIDA chez les adolescents..

### **Contenu :**

- ✓ Anatomie et la physiologie des systèmes reproductifs de l'homme et femme,
- ✓ Concept de la santé de la reproduction
- ✓ Planification familiale,
- ✓ Processus de la grossesse
- ✓ Soins prénatals et postnatals,
- ✓ Soins aux mères et aux enfants
- ✓ Avortement et complications,
- ✓ Infertilité, ménopause et' andropause,
- ✓ Grossesses à risque,
- ✓ Sexualité de l'adolescent et évolution,
- ✓ Droits liés à la santé de la reproduction de l'adolescent,
- ✓ Principes des échanges chez les jeunes et les adolescents,
- ✓ IST/VIH-SIDA

## **INTITULE DU COURS : PRINCIPES ET METHODES DE L'EPIDEMIOLOGIE**

**Code de Cours** : 2 LSC/ 16

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en épidémiologie

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser les principes et méthodes en épidémiologie

### **Objectifs opérationnels :**

1. Définir le concept d'épidémiologie,
2. Identifier les méthodes de transmission de la maladie,
3. Identifier les outils épidémiologiques,
4. Investiguer les épidémies,
5. Décrire les méthodes d'évaluation et de contrôle de maladie.
6. Planifier les interventions
7. Mettre en œuvre les interventions
8. Effectuer la surveillance des maladies

### **Contenu :**

- ✓ Concept de l'épidémiologie,
- ✓ Méthodes de transmission de maladies,
- ✓ Outils épidémiologiques,
- ✓ Investigation des épidémies,
- ✓ Méthodes d'évaluation et de contrôle de maladie.
- ✓ Planification et mise en œuvre des interventions
- ✓ Surveillance de maladies

## **INTITULE DU COURS : SURVEILLANCE EPIDEMIOLOGIQUE DES MALADIES TRANSMISSIBLES**

**Code de Cours** : 2 LSC/ 17

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences dans la surveillance épidémiologique des maladies

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable d'assurer la surveillance épidémiologique des maladies

### **Objectifs opérationnels :**

1. Identifier les maladies à déclaration obligatoire au niveau national et international.
2. Décrire la procédure d'élaboration des rapports internationaux des maladies à déclaration obligatoire,
3. Faire de la riposte en cas d'épidémie
4. Gérer les épidémies

### **Contenu :**

- ✓ Identification des maladies à déclaration obligatoire au niveau national et international.
- ✓ Procédure pour les rapports internationaux des maladies à déclaration obligatoire,
- ✓ Riposte en cas d'épidémie
- ✓ Gestion des épidémies



## **INTITULE DU COURS : IMMUNIOLOGIE, VACCINATION ET GESTION DE LA CHAINE DU FROID**

**Code de Cours** : 2 LSC /18  
**Durée** : 60 heures  
**Unités** : 3

### **But :**

Acquérir des compétences en vaccination et gestion de la chaîne du froid

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'assurer la gestion de la vaccination et de la chaîne de froid

### **Objectifs opérationnels :**

1. Définir les concepts suivants d'immunologie et d'immunité innée et acquise ;
2. Expliquer le système antigène et anticorps ;
3. Identifier les différents types de vaccin, leurs usages et la méthode d'administration,
4. Expliquer la procédure d'acquisition de vaccin : collection, stockage et répartition de vaccins,
5. Effectuer la maintenance du système de chaîne de froid,
6. Organiser les campagnes de vaccination,

### **Contenu :**

- Introduction à l'immunologie,
- Immunité innée et acquise ;
- Système antigène et anticorps :
  - ✓ antigène et réaction d'anticorps,
  - ✓ réaction immunitaire à l'infection,
  - ✓ immunité à partir de la cellule. Immunité
  - ✓ maladies infectieuses,
  - ✓ état d'hypersensibilité,
  - ✓ application prophylactique et thérapeutique de l'immunité,
  - ✓ l'auto-immunité et maladie humaine,
  - ✓ immunologie de transplantation,
  - ✓ immunosuppression et état de déficience immunitaire,
- Types de vaccin, leurs usages et méthode d'administration,
- Réquisition de vaccin, collection, stockage et répartition de vaccins,
- Maintenance et système de chaîne de froid,
- Organisation des campagnes de vaccination, enlèvement des vaccins.

## **INTITULE DU COURS : TEXTES LEGISLATIFS ET REGLEMENTAIRES**

**Code de Cours** : 2 LSC /19

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des connaissances en législation

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de comprendre les textes législatifs et réglementaires

### **Objectifs opérationnels :**

1. Expliquer les fondements et l'historique des textes législatifs et réglementaires,
2. Expliquer les dispositions des textes législatifs et réglementaires,
3. Expliquer les structures chargées d'élaborer les textes législatifs et réglementaires
4. Décrire les procédures d'utilisation des textes législatifs et réglementaires,
5. Appliquer les textes législatifs et réglementaires.

### **Contenu :**

- ✓ Fondements et historiques des textes législatifs et réglementaires,
- ✓ Disposition et structure des textes législatifs et réglementaires,
- ✓ Procédures d'utilisation des textes législatifs et réglementaires,
- ✓ Démonstration pratique des procédures de gestion (antécédents, examen, choix approprié des éléments trouvés, actions correspondantes, prescription des médicaments, consignes pour un suivi, référence)

## **INTITULE DU COURS : SOINS EN ORL**

**Code de Cours** : 2 LSC/20

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en soins en ORL

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'assurer les soins en ORL.

### **Objectifs opérationnels :**

1. Décrire l'anatomie et physiologie de l'oreille, du nez et de la gorge,
2. Connaître l'équipement de base pour les diagnostics et le traitement de l'oreille, du nez et de la gorge,
3. Identifier les circonstances de survenue des maladies,
4. Identifier les signes cliniques des maladies
5. Traiter les maladies de l'oreille, du nez et de la gorge.
6. Identifier les complications émanant des maladies de l'oreille, du nez et de la gorge,
7. Exécuter les pratiques nocives à l'oreille, au nez et à la gorge.

### **Contenu :**

- ✓ Anatomie et physiologie de l'oreille, du nez et de la gorge,
- ✓ Equipement de base pour les diagnostics et le traitement de l'oreille, du nez et de la gorge,
- ✓ Circonstances de survenue des maladies,
- ✓ Signes cliniques des maladies
- ✓ Traitement des maladies de l'oreille, du nez et de la gorge.
- ✓ Complications émanant des maladies de l'oreille, du nez et de la gorge,
- ✓ Pratiques nocives à l'oreille, au nez et à la gorge.

## **INTITULE DU COURS : STAGE D'ENTRAINEMENT CLINIQUE I**

**Code de Cours** : 2 LSC/ 21

**Durée** : 40 heures

**Unités** : 2

### **Objectif général :**

- Effectuer les soins de santé primaires

### **Objectifs opérationnels :**

Voir objectifs de stage

### **Contenu**

Pendant cette période, les étudiants sont censés être affectés dans un centre homologué de soins de santé primaires pour une période allant de six à huit semaines. Ils seront sous la supervision d'un tuteur qui les soumettra au quotidien à des pratiques cliniques. Les étudiants devront aussi hebdomadairement remplir un livre de bord contresigné par leurs superviseurs. Ils devront également rédiger un rapport de stage et faire un exposé à la fin de la période de stage.

## **NIVEAU 300 PREMIERE SEMESTRE**

### **INTITULE DU COURS : INTRODUCTION A LA GESTION DES MEDICAMENTS DE BASE**

**Code de Cours** : 3.LSC/ 1

**Durée** : 40 heures

**Unités** : 2

#### **But :**

Acquérir des compétences dans la gestion des médicaments de base

#### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'assurer la gestion des médicaments de base

#### **Objectifs opérationnels :**

1. Définir les concepts de biotransformation, de distribution, de pharmacogénétique, de pharmacodynamique, de pharmacocinétique et de fonds de roulement
2. Décrire les principes généraux d'action des médicaments et les relations dose-réponse.
3. Expliquer les interactions récepteurs- drogues,
4. Enumérer les voies d'absorption des médicaments,
5. Expliquer les principes de la bio disponibilité des médicaments,
6. Expliquer la politique nationale des médicaments,
7. Gérer les médicaments essentiels,
8. Identifier le système d'approvisionnement des médicaments,
9. Connaître la liste des médicaments essentiels,

#### **Contenu :**

- ✓ Définition des concepts : Biotransformation de distribution,
- ✓ Pharmacogénétique, Pharmacodynamique. Pharmacocinétique, Fonds de roulement
- ✓ Principes généraux d'action des médicaments, relations dose-réponse.
- ✓ Interactions récepteur drogues,
- ✓ Séquestration des Drogues:
- ✓ Voies d'absorption,
- ✓ Principes de la bio disponibilité des médicaments,
- ✓ Politique nationale des médicaments,
- ✓ Gestion des médicaments essentiels,
- ✓ Système d'approvisionnement,
- ✓ Liste des médicaments essentiels,

## **INTITULE DU COURS : GESTION DES SERVICES DE SANTE**

**Code de Cours** : 3 LSC/ 2

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en gestion des services de santé

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'assurer la gestion des services de santé

### **Objectifs opérationnels :**

1. Définir le concept de planification
2. Expliquer l'importance de la planification,
3. Identifier les différents types de planification,
4. Décrire les étapes de la planification,
5. Expliquer la politique de planification en santé,

### **Contenu :**

- ✓ Concept de planification
- ✓ Importance de la planification, types de planification, étapes de la planification, évolution historique de la planification formalisée de la santé,
- ✓ Politique en matière de santé, processus politique,

## **INTITULE DU COURS : COMPETENCES CLINIQUES**

**Code de Cours** : 3 LSC/ 3

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des compétences cliniques

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser les techniques de soins

### **Objectifs opérationnels :**

1. Principes de base de l'interview. : Accueil Interrogatoire,
2. Examen physique : monitoring des signes vitaux et de la tension artérielle.

:

### **Contenu :**

- Principes de base de l'interview. : Accueil Interrogatoire,
- Examen physique : monitoring des signes vitaux et de la tension artérielle.
- Techniques de soins :
  - ✓ Préparation et administration de la solution sucre-sel et autres formes de liquides.
  - ✓ Principes et procédures des techniques aseptiques en procédure clinique.
  - ✓ pansement de plaie.
  - ✓ Administration des médicaments.,
  - ✓ Collecte d'échantillons d'urine,
  - ✓ procédure de tests d'urines,
  - ✓ Test d'hémoglobine en utilisant des procédures et des outils appropriés.
  - ✓ bain buccal,
  - ✓ test d'acuité visuelle,
  - ✓ auto-examen des seins.
  - ✓ évaluation du statut nutritionnel de l'enfant ex. poids, taille, périmètre branchial.
  - ✓ Circoncision,
  - ✓ évaluation de la déshydratation,
  - ✓ sondage,
  - ✓ épisiotomie,
  - ✓ suture de plaies
  - ✓ perfusion.

**INTITULE DU COURS : CONTROLE DES MALADIES TRANSMISSIBLES ET NON TRANSMISSIBLES ET DES MALADIES CHRONIQUES**

**Code de Cours** : 3 LSC/ 4

**Durée** : 40 heures

**Unités** : 2

**But :**

Acquérir des connaissances en contrôle des maladies transmissibles, non transmissibles et chroniques

**Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de connaître les éléments de contrôle des maladies transmissibles, non transmissibles et chroniques

**Objectifs opérationnels :**

1. Décrire les étapes de surveillance épidémiologique ;
2. Expliquer les approches syndromiques
3. Connaître les éléments de prise en charge des maladies émergentes : Diabète, hypertension, etc.

**Contenu :**

- ✓ Surveillance épidémiologique
- ✓ Approches syndromiques
- ✓ Prise en charge des maladies émergentes : Diabète, hypertension, etc.



**INTITULE DU COURS : INTRODUCTION AUX LOIS DE SANTE PUBLIQUE**

**Code de Cours** : 3 LSC/5

**Durée** : 40 heures

**Unités** : 2

**But :**

Acquérir des connaissances relatives aux lois de santé publique

**Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable d'appréhender les lois en santé publique

**Objectifs opérationnels :**

1. Définir les Concepts relatifs aux lois en santé publique
2. Identifier les différentes sources de lois en santé publique,
3. Connaître les droits des patients,
4. Expliquer les législations médicales et le processus de vote de lois de santé publique,
5. Identifier les Institutions de renforcement des lois médicales etc.

**Contenu :**

- ✓ Concept de lois de santé publique ;
- ✓ Sources de lois de santé publique,
- ✓ Droits des patients,
- ✓ Législations médicales et processus de vote de lois de santé publique,
- ✓ Institutions de renforcement des lois médicales etc.

## **INTITULE DU COURS : GERIATRIE ET GERONTOLOGIE**

**Code de Cours** : 3 LSC/ 6

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en gériatrie et gérontologie

### **Objectifs généraux :**

A la fin de ce cours l'étudiant devrait être capable d'assurer la prise en charge des problèmes de santé en Gériatrie

### **Objectifs opérationnels :**

1. Définir les concepts de gériatrie et de gérontologie,
2. Expliquer la physiologie et les problèmes courants en relation avec le vieillissement et leurs gestions.
3. Effectuer les soins gériatriques disponibles pour les personnes âgées,
4. Gérer les ressources disponibles pour les personnes âgées

### **Contenu :**

- ✓ Concepts de gériatrie et de gérontologie,
- ✓ Physiologie et problèmes courants en relation avec le vieillissement et leurs gestions.,
- ✓ Soins gériatriques disponibles pour les personnes âgées,
- ✓ Ressources disponibles pour les personnes âgées

## **INTITULE DU COURS : SUIVI/EVALUATION DE PROGRAMME**

**Code de Cours** : 3 LSC/ 7

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des compétences en suivi/évaluation de programme

### **Objectif général :**

- Assurer les activités de suivi/évaluation

### **Objectifs opérationnels :**

1. Définir les concepts suivants de suivi et d'évaluation ;
2. Identifier les différents types de suivi/évaluation type
3. Définir les indicateurs de S/E ;
4. Décrire les étapes du suivi/évaluation ;
5. Elaborer un plan se suivi/évaluation

### **Contenu :**

- ✓ Définition du suivi et de l'évaluation ;
- ✓ Types de suivi et d'évaluation ;
- ✓ Indicateurs de suivi et d'évaluation ;
- ✓ Etapes du suivi/évaluation ;
- ✓ Plan de S/E

## **INTITULE DU COURS : METHODOLOGIE DE RECHERCHE**

**Code de Cours** : 3 LSC/ 8

**Durée** : 60 heures

**Unités** : 3

### **But :**

Acquérir des compétences en méthodologie de recherche

### **Objectif général :**

- Assurer des activités de recherche

### **Objectifs opérationnels :**

1. Expliquer la signification, la nature et les usages de la recherche en santé.
2. Décrire le processus de la recherche en santé
3. Identifier les Méthodes et techniques de collecte de données,
4. Présenter les données de la recherche
5. Élaborer un projet de recherche
6. Rédiger un rapport de recherche,
7. Conduire des travaux de recherche

### **Contenu :**

- ✓ Généralités sur la recherche en santé : la signification, la nature et les usages de la recherche en santé.
- ✓ Processus de la recherche en santé
- ✓ Méthodes et techniques de collecte de données
- ✓ Analyse des données
- ✓ Présentation des résultats de la recherche,
- ✓ Projet de recherche et rédaction de rapport,

**INTITULE DU COURS : STAGE D'ENTRAINEMENT CLINIQUE**

**Code de Cours** : 3 LSC/ 9

**Durée** : 40 heures

**Unités** : 2

**But :**

Acquérir des compétences cliniques

**Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser les tâches cliniques

**Objectifs opérationnels :**

- Définir le stage d'entraînement clinique
- Effectuer toutes les tâches cliniques de routine d'un centre de santé primaire
- Tenir un registre de bord
- Rédiger un rapport de fin de stage
- Présenter un rapport devant une équipe d'évaluateur

**Contenu :**

Définition du stage d'entraînement clinique

- Tâches cliniques de routine d'un centre de santé primaire
- Tenue d'un registre de bord
- Rédaction d'un rapport
- Présentation d'un rapport devant une équipe d'évaluateur

## **NIVEAU 300 DEUXIEME SEMESTRE**

### **INTITULE DU COURS : SOINS AUX PERSONNES HANDICAPEES**

**Code de Cours** : 3 LSC /10

**Durée** : 40 heures

**Unités** : 2

#### **But :**

Acquérir des compétences en soins aux personnes handicapées

#### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser des actions en faveur des personnes handicapées

#### **Objectifs opérationnels :**

1. Définir le concept de handicap ;
2. Identifier les handicaps les plus courants
3. Identifier les causes et les catégories d'handicaps ;
4. Appliquer les mesures préventives disponibles et réhabilitation dans la communauté,
5. Connaître les maladies courantes qui provoquent des handicaps.
6. Identifier les causes communes des maladies qui provoquent des handicaps,
7. Classifier les maladies qui provoquent des handicaps selon les normes de l'OMS,
8. Appliquer les mesures préventives contre les maladies qui provoquent des handicaps,
9. Identifier les facilités et les ressources disponibles pour la réhabilitation.

#### **Contenu :**

- ✓ Définition du concepts de handicap,
- ✓ Handicaps les plus courants ;
- ✓ Causes et catégories des handicaps,
- ✓ Mesures préventives disponibles et la réhabilitation des handicapés dans la communauté,
- ✓ Maladies courantes qui provoquent des handicaps.
- ✓ Causes communes des maladies qui provoquent des handicaps,
- ✓ Classification des maladies qui provoquent des handicaps selon les normes de l'OMS,
- ✓ Mesures préventives contre les maladies qui provoquent des handicaps,
- ✓ Facilités et ressources disponibles pour la réhabilitation des handicapés..

## **INTITULE DU COURS : VOLONTARIAT ET SERVICES MOBILES DE SANTE**

**Code de Cours** : 3 LSC /11

**Durée** : 40 heures

**Unités** : 2

### **But :**

Acquérir des compétences en matière de volontariat et services mobiles de santé

### **Objectif général :**

- Assurer les activités de volontariat et services mobiles de santé

### **Objectifs opérationnels :**

1. Définir le concept de volontariat,
2. Expliquer l'importance des services de volontariat
3. Identifier les différents types de prestations dans le cadre du volontariat.
4. Décrire le processus en cours dans le cadre du volontariat,
5. Planifier les actions du volontariat
6. Mettre en œuvre les actions planifiées
7. Suivre/évaluer les actions de volontariat.

### **Contenu :**

- ✓ Définition du volontariat,
- ✓ Importance des services de volontariat
- ✓ Types de prestations dans le cadre du volontariat.
- ✓ Processus en cours dans le cadre du volontariat,
- ✓ Planification, mise en œuvre et suivi/évaluation des actions entrant dans le cadre du volontariat.

## **INTITULE DU COURS : EXPERIENCE COMMUNAUTAIRE SUPERVISEE**

**Code de Cours** : 3 LSC /12

**Durée** : 60 heures

**Unités** : 3

**But:** Acquérir des compétences en expérience communautaire supervisée

### **Objectif général :**

A la fin de ce cours l'étudiant devrait être capable d'assurer les activités en rapport avec l'expérience communautaire supervisée

### **Objectifs opérationnels :**

1. Diagnostiquer les problèmes de santé de la communauté ;
2. Etablir la carte de la communauté ;
3. Connaître les moyens de mobilisation des membres de la communauté pour des actions en matière de santé ;
4. assurer la vaccination dans la communauté selon les procédures en vigueur ;
5. organiser des débats dans la communauté par rapport aux problèmes de santé existants. ;
6. Effectuer l'éducation de la communauté par rapport à l'approvisionnement en eau potable et à l'assainissement de base.

### **Contenu :**

- ✓ Identification des problèmes de santé de la communauté ;
- ✓ Etablissement de la carte de la communauté ;
- ✓ Moyens de mobilisation des membres de la communauté pour des actions en matière de santé ;
- ✓ Vaccination dans la communauté selon les procédures en vigueur ;
- ✓ Débats dans la communauté par rapport aux problèmes de santé existants
- ✓ Education de la communauté par rapport à l'approvisionnement en eau potable et à l'assainissement de base.



## **INTITULE DU COURS : SEMINAIRE**

**Code de Cours** : 3 LSC/ 13  
**Durée** : 40 heures  
**Unités** : 2

### **But**

Acquérir des connaissances de base relative à la santé communautaire à travers le séminaire

### **Objectif général :**

- Appréhender toutes les connaissances relatives à la santé communautaires

### **Objectifs opérationnels :**

- Connaître les solutions et les tendances en soins de santé de la communauté à travers des séminaires, des débats et des présentations articulés.

### **Contenu :**

- ✓ Solutions et tendances en soins de santé de la communauté ;
- ✓ Concepts et théories en santé communautaire.

## **INTITULE DU COURS : COMPETENCES ENTREPRENEURIALES**

**Code de Cours** : 3 LSC /14

**Durée** : 40heures

**Unités** : 2

**But**: Ce cours permet à l'étudiant d'acquérir des compétences en entrepreneuriat

### **Objectif général** :

- Maitriser les compétences entrepreneuriales

### **Objectifs opérationnels** :

Appliquer les Compétences entrepreneuriales pertinentes

### **Contenu** :

- Compétences entrepreneuriales pertinentes :
  - ✓ reconnaissance des opportunités,
  - ✓ génération des idées/créativité,
  - ✓ prise de risque,
  - ✓ pensée critique,
  - ✓ analyse des nouvelles initiatives,
  - ✓ finance d'entreprise,
  - ✓ entreprise familiale, propriété,
  - ✓ gestion de la richesse,
  - ✓ fonds propres,
  - ✓ efficacité organisationnelle,
  - ✓ fusions et acquisitions,
  - ✓ conception organisationnelle,
  - ✓ gestion des ventes,
  - ✓ comportement des consommateurs,
  - ✓ recherche et stratégie marketing.

## **INTITULE DU COURS : SANTE BUCCO-DENTAIRE**

**Code de Cours** : 3 LSC/ 15

**Durée** : 40 heures

**Unités** : 2

### **But**

Acquérir des compétences de base en soins buccodentaires

### **Objectif général :**

- Assurer les soins bucco- dentaire

### **Objectifs opérationnels :**

1. Décrire l'anatomie et la physiologie de la cavité buccale,
2. Identifier les maladies bucco-dentaires les plus courantes,
3. Identifier les facteurs favorisant les maladies bucco-dentaires,
4. Déterminer les mesures préventives des maladies bucco-dentaires les plus courantes ;
5. Effectuer le traitement des maladies bucco-dentaires les plus courantes ;
6. Utiliser les méthodes de mobilisation de la communauté pour promouvoir des habitudes positives de santé bucco-dentaire.

### **Contenu :**

- ✓ Anatomie et physiologie de la cavité buccale,
- ✓ Maladies bucco-dentaires les plus courantes,
- ✓ Facteurs favorisant les maladies bucco-dentaires,
- ✓ Mesures préventives des maladies bucco-dentaires les plus courantes ;
- ✓ Traitement des maladies bucco-dentaires les plus courantes ;
- ✓ Méthodes de mobilisation de la communauté pour promouvoir des habitudes positives de santé bucco-dentaire.

**INTITULE DU COURS : FORMATION CONTINUE DU PERSONNEL**

**Code de Cours** : 3 LSC/ 16

**Durée** : 20 heures

**Unités** : 1

**But**

Acquérir des compétences en formation continue du personnel

**Objectif général :**

- Maitriser le processus de formation continue du personnel

**Objectifs opérationnels :**

1. Définir le concept de formation continue ;
2. Citer les raisons justifiant la formation continue du personnel de santé ;
3. Expliquer les domaines qui nécessitent la formation continue dans les soins de santé primaire ;
4. Identifier les méthodes de vérification des besoins de formation du personnel ;
5. Choisir le personnel à former ;
6. Expliquer les types des méthodes de formation : Pédagogie et Andragogie ;
7. Identifier les moyens de formation ;
8. Elaborer un programme de formation ;
9. Elaborer un calendrier d'une session de formation continue ;
10. Former le personnel dans un domaine identifié des soins de santé primaires ;
11. Evaluer la formation ;
12. Faire un feedback au personnel et à l'employeur.

**Contenu :**

- ✓ Définition du concept de formation continue ;
- ✓ Raisons justifiant la formation continue du personnel de santé ;
- ✓ Domaines qui nécessitent la formation continue dans les soins de santé primaires ;
- ✓ Méthodes de vérification des besoins de formation du personnel ;
- ✓ Critères de choix de la population à former ;
- ✓ Types des méthodes de formation : Pédagogie et Andragogie ;
- ✓ Moyens de formation.
- ✓ Programme de formation ;
- ✓ Calendrier de session ;
- ✓ Animation de la formation ;
- ✓ Evaluation de la formation ;
- ✓ Feedback après la formation.

**INTITULE DU COURS : PROJET DE RECHERCHE**

**Code de Cours** : 3 LSC/ 17

**Durée** : 60 heures

**Unités** : 3

**But**

Acquérir des compétences en rédaction de projet de recherche

**Objectif général :**

A la fin de ce cours l'étudiant devrait être capable de maîtriser le processus de rédaction d'un projet de recherche.

**Objectifs opérationnels :**

1. Formuler le problème
2. Décrire la méthodologie
3. Elaborer le budget
4. Rédiger le projet

**Contenu :**

- ✓ Formulation du problème
- ✓ Méthodologie
- ✓ Budget de la recherche
- ✓ Rédaction du projet

## **RECOMMANDATIONS SUR LES PROGRAMMES D'EXPERIENCE CLINIQUE SUPERVISEE ET D'EXPERIENCE COMMUNAUTAIRE SUPERVISEE :**

Dans le but de faire une supervision effective et uniformiser le stage clinique et celui dans la communauté, un carnet de stage doit être remis aux étudiants et un guide de l'instructeur aux encadreurs.

- Les institutions de formation doivent s'assurer que les étudiants sont affectés dans des zones /services de santé où ils pourront appliquer les connaissances apprises et faire signer leur carnet de stage par les superviseurs désignés seulement après exécution de la tâche requise.
- Le carnet de stage des étudiants doit être fourni par les institutions en charge de la formation.
- L'évaluation finale de l'étudiant pendant le stage doit être basée sur le rapport du superviseur désigné dans la zone de stage/service de santé, et le chargé d'encadrement sur le terrain. Elle doit être faite de manière objective.
- L'évaluation doit prendre en compte la ponctualité, la régularité, l'attitude générale au travail, le respect de l'autorité, l'intérêt accordé à la clinique/zone de stage, la compétence technique.
- L'institution de formation doit garder le carnet de stage de l'étudiant après la formation.
- Les superviseurs désignés de l'institution de formation doivent contresigner le carnet de stage des étudiants à chaque visite de terrain pour leur permettre de déterminer le niveau d'atteinte des objectifs et e les assister dans la résolution d'éventuels problèmes.
- Les superviseurs désignés des institutions de formation doivent rendre visite aux étudiants trois fois pendant leur stage dans un intervalle de quatre semaines, et la dernière visite pendant la dernière semaine du stage.

**PROGRAMME HARMONISE DE FORMATION  
DES TECHNICIENS DE SANTE COMMUNAUTAIRE  
DE L'ESPACE CEDEAO**

## **LA TABLE DES MATIERES**

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## **INTRODUCTION**

Ce curriculum de formation harmonisé vise à développer les compétences requises chez les Techniciens en santé communautaire pour dispenser des soins de qualité aux populations des différents pays de l'espace CEDEAO. Ce sont des soins préventifs, promotionnels, curatifs et de réhabilitation aussi bien pour les individus, les familles que pour les communautés.

Les méthodes d'enseignement qui y sont privilégiées sont celles actives, centrées sur l'étudiant, exigeant des moyens modernes et adéquats d'appui à la formation. Les activités pédagogiques sont les cours théoriques, les travaux dirigés, les travaux pratiques en laboratoire.

Pour compléter leurs acquisitions théoriques, les préparer à la multiplicité et/ou à la complexité des situations professionnelles et leur permettre surtout des apprentissages qui ne peuvent pas se réaliser dans un contexte exclusivement académique, la formation de ces futurs professionnels implique absolument un contact avec la réalité du terrain. Aussi, les stages organisés en milieu de soins et dans les communautés au cours de la formation constituent une réponse à cet impératif car ils demeurent de véritables moments de professionnalisation.

Aussi, le présent curriculum de formation s'articule autour d'informations clés comme les conditions d'admission à la formation, l'examen d'entrée, la durée de la formation, le Titre professionnel conféré, la dénomination du diplôme, les qualités requises pour être technicien de santé communautaire, la qualification des formateurs, la période d'Examens et des vacances ainsi que le devis de la formation.

## **CONDITIONS D'ADMISSION**

Pour accéder à la formation de technicien de santé communautaire, il faut:

- ❖ être titulaire du brevet d'études de fin de premier cycle du second degré ou équivalent pour le concours direct;
- ❖ être titulaire du diplôme d'agent itinérant de santé et d'hygiène communautaire, d'agent d'hygiène et d'assainissement, d'infirmier certifié, d'agent sanitaire, d'aide-soignant, ou de tout autre diplôme de niveau équivalent pour le concours professionnel;
- ❖ avoir au moins trois (3) ans d'expérience professionnelle.
- ❖ réussir:
  - au concours direct ;
  - au concours professionnel ;
  - au test pour les candidats inscrits à titre privé ;
- ❖ être retenu sur étude de dossiers pour les candidats d'autres nationalités.

## **EXAMENS D'ENTREE ET DE CERTIFICATION**

Les examens d'entrée et de certification sont des examens nationaux organisés annuellement par arrêté ministériel. A cet effet un comité d'organisation sera mis en place. Ce comité sera composé des représentants des Écoles /Instituts et des représentants d'autres ministères concernés

### **DUREE DE LA FORMATION**

La durée de formation du technicien de santé communautaire est de deux (2) ans soit quatre (4) semestres.

### **DENOMINATION DU DIPLOME**

Le diplôme obtenu à la fin du cursus scolaire est dénommé : Diplôme de Technicien de santé communautaire

### **QUALITES REQUISES POUR ETRE TECHNICIEN DE SANTE COMMUNAUTAIRE**

Les qualités suivantes sont requises pour être technicien de santé communautaire :

1. Avoir une aptitude physique et mentale ;
2. Avoir les qualités d'un bon manager ;
3. Être capable de travailler en équipe ;
4. Être autonome dans son travail ;
5. Avoir un esprit critique;
6. Disposer d'un bon esprit de collaboration avec les partenaires administratifs, sociaux et la communauté.
7. Avoir le sens de la responsabilité,
8. Avoir la volonté et être engagé pour travailler au niveau de la communauté ;

### **QUALIFICATION DES FORMATEURS**

Les formateurs doivent avoir un des diplômes suivants :

- ❖ Diplôme de technicien supérieur ;
- ❖ Licence ;
- ❖ Maîtrise ;
- ❖ Doctorat.

### **PERIODE D'EXAMEN ET DES VACANCES**

Les périodes d'examens et de vacances sont établies comme suit :

- ❖ Examens de passage et de certification : à partir de fin juin jusqu'à fin juillet
- ❖ Vacances : août et septembre

### **PERIODE DE STAGES**

Les stages se déroulent selon les modalités suivantes :

- ❖ **1<sup>ère</sup> année**
  - Deux (2) mois à la fin de l'enseignement des cours théoriques et pratiques
- ❖ **2<sup>ème</sup> année**
  - Trois (3) mois à partir de février.
- ❖ **Domaines de stage**
  - 1<sup>ère</sup> année: procédures de soins, et diagnostic communautaire ;
  - 2<sup>ème</sup> année: interventions en santé communautaire, et management des services de santé communautaire.

## **Description du profil de compétence du Technicien de Santé Communautaire**

Le technicien de santé communautaire (TSC) est censé être le chef de l'ensemble des agents de santé communautaire (ASC) travaillant dans la communauté. Il passera 70% de son temps de travail dans la communauté et 30% dans la formation sanitaire. Le TSC doit être formé pour assurer des fonctions préventive, promotionnelle, curative, administrative, de formation et de recherche.

### **A. Tâches liées aux fonctions préventive et promotionnelle**

- ❖ Expliquer à la communauté l'approche des soins de santé primaires,
- ❖ Expliquer à la communauté son rôle professionnel en tant que membre de l'équipe de santé,
- ❖ Se familiariser avec les ressources de la communauté ;
- ❖ Poser un diagnostic de santé communautaire ;
- ❖ Faire le dépistage et donner des conseils appropriés
- ❖ Faire la mobilisation sociale ;
- ❖ Participer à la mise en place des comités villageois de santé ;
- ❖ Assurer le fonctionnement effectif des comités de santé :
  - Participer au recensement et à la mise à jour des cibles d'interventions ;
  - Assurer la mise à jour des registres de recensement et des carnets de santé des cibles d'interventions ;
  - Participer à l'offre de services de vaccination ;
  - Initier et soutenir les efforts des agents communautaires de la santé pour l'éducation en matière de santé ;
  - Participer à l'éducation en matière de santé.
  - Promouvoir la participation communautaire ;
  - Promouvoir une collaboration avec le personnel administratif décentralisé, les collectivités locales et les secteurs autres que la santé, qui interviennent dans la communauté ;
  - Etablir un partenariat avec les organisations de la société civile, les organisations non gouvernementales et les partenaires techniques et financiers qui interviennent dans le développement des services de santé à base communautaire;
  - Expliquer à la communauté les problèmes liés au genre / santé de la reproduction ;

### **B. Les tâches liées à la fonction curative**

Au niveau de sa formation sanitaire, le technicien de santé communautaire doit dispenser des soins de santé dans la limite de ses compétences, sous la responsabilité du chef de service de la formation sanitaire:

- ❖ Évaluer l'état de santé du patient ;
- ❖ Prendre en charge le patient selon un plan d'intervention élaboré ;
- ❖ Faire un feedback appropriée aux mères sur l'état de santé de leurs enfants ;
- ❖ Dispenser des soins curatifs avant, pendant et après l'accouchement ;
- ❖ Offrir des services de planification familiale ;
- ❖ Offrir des services adaptés aux adolescents et aux jeunes ;

- ❖ Prendre en charge (PEC) des malades référés par les ASC et par d'autres formations sanitaires conformément aux textes législatifs et réglementaires qui régissent la profession de technicien de santé communautaire.

### C. Tâches liés à la fonction administrative

- ❖ Planifier les activités de santé communautaire en collaboration avec les autres membres de l'équipe et avec la communauté ;
- ❖ Exécuter les activités planifiées en collaboration avec les autres membres de l'équipe et avec la communauté ;
- ❖ Mobiliser des ressources pour résoudre les problèmes de santé en collaboration avec la communauté ;
- ❖ Suivre et évaluer les activités mises en œuvre en collaboration avec les autres membres de l'équipe et avec la communauté ;
- ❖ Conserver les dossiers des malades ;
- ❖ Participer à la planification, à l'exécution et à l'évaluation des programmes mis en œuvre par les organisations à base communautaire, les agents des secteurs autres que la santé et par les autres membres de l'équipe de santé ;
- ❖ Participer aux réunions des comités villageois ;
- ❖ Participer à l'élaboration, à l'exécution et à la coordination des activités des programmes prioritaires de santé ;
- ❖ Élaborer un plan de travail avec l'équipe de santé, les partenaires au développement et la communauté ;
- ❖ Participer au management des services de santé ;
- ❖ Participer à la gestion des médicaments essentiels ;
- ❖ Superviser les agents de santé communautaire ;
- ❖ Élaborer un calendrier de travail pour les agents de santé communautaire ;
- ❖ Participer à la gestion du système d'information sanitaire ;
- ❖ Organiser régulièrement des réunions avec les organisations à base communautaire ;
- ❖ Participer à la gestion de la logistique et de la chaîne de froid.

### D. Tâches liées à la fonction de formation et de recherche

- ❖ Participer à la planification, à l'exécution et à l'évaluation des stages des étudiants et des élèves des établissements de santé et de services sociaux ;
- ❖ Participer à l'identification des besoins de formation des membres de l'équipe de santé, des agents de santé communautaire et des agents promoteurs de la santé ;
- ❖ Participer à la planification, à l'exécution et à l'évaluation des activités de formation ;
- ❖ Assurer la formation des membres du comité de santé ;
- ❖ Participer aux activités de recherche en santé communautaire ;
- ❖ Utiliser les bonnes pratiques et les résultats de recherche pour améliorer sa pratique professionnelle.

## REPARTITION DES MATIERES PAR SEMESTRE

### PREMIÈRE ANNÉE - PREMIERE SEMESTRE

Code	Notions/Cours	Volume horaire			Unités/c rédits <sup>1</sup>
		<i>Théorie (h)</i>	<i>Travaux pratiques/T ravaux dirigés (h)</i>	<i>Stage (h)</i>	
1TSC1	Introduction à la santé communautaire	20			1
1TSC/2	Anatomie et physiologie I	20			1
1TSC/3	Éthique /Déontologie professionnelle	20			1
1TSC/4	Introduction à l'épidémiologie	20			1
1TSC/5	Soins de santé primaires et promotion de la santé	30			1,5
1TSC/6	Législation et réglementation	20			1
1TSC/7	Introduction à l'informatique	10	20 (TD)		1,5
1TSC/8	Droit administratif	20			1
1TSC/9	Procédures de soins I	40	20		3
1TSC/10	Introduction à la psychologie	20			1
1TSC/11	Introduction à la sociologie de la santé	20			1
1TSC/12	Documentation	10	10		1
1TSC/13	Anglais I	40			2
1TSC/S	Stages <sup>2</sup>			180H	4
<b>Total</b>		<b>290 h</b>	<b>50H</b>		<b>17</b>

<sup>1</sup>1 unité de cours théoriques (TD et TP) ou un crédit = 20 heures

<sup>2</sup> Une unité de stage = 45 heures

**PREMIÈRE ANNÉE DEUXIÈME SEMESTRE**

Code	Notions/Cours	Volume horaire			Unités/C répits
		<i>Théorie (h)</i>	<i>Pratique (TD, TP)(h)</i>	<i>Stage (h)</i>	
1TSC16	Maladies transmissibles	40			2
1TSC17	Nutrition	40			2
1TSC18	Santé de la reproduction	40	20		3
1TSC19	Gestion des déchets biomédicaux et sanitaires	40			2
1TSC20	Démographie	20			
1TSC21	Information Education Communication/Communication pour un changement de comportement (IEC/CCC)	30	30		3
1TSC2	Anatomie et physiologie II	20			1
1TSC22	Diagnostic de santé communautaire	30	10		2
1TSC23	Santé environnementale	20			1
1TSC24	Accidents et urgences	40			2
1TSC25	Immunologie et vaccination	40			2
1TSC26	Santé bucco-dentaire	20			1
1TSC27	Procédures de soins II	60			3
1TSC15	anglais II	20			1
	Stage			180	4
<b>Total</b>		<b>420 h</b>			<b>25</b>

**DEUXIÈME ANNÉE, PREMIER SEMESTRE**

Code	Notions/COURS	Volume horaire			Unités/C rédits
		<i>Théorie (h)</i>	<i>Pratique (h)</i>	<i>Stage (h)</i>	
2TSC /1	Maladies non transmissibles et chroniques	40			2
2TSC /2	Statistiques sanitaires	20			1
2TSC /3	Santé infantile	60			3
2TSC /4	Méthodologie de la recherche	40			2
2TSC /5	Santé mentale	20			1
2TSC /6	Système d'information Sanitaire	20			1
2TSC /7	Soins infirmiers en ORL	20			1
2TSC /8	Soins infirmiers en Ophtalmologie	20			1
2TSC /9	Expérience clinique supervisée		60		3
2TSC /10	Santé scolaire	20			1
2TSC /11	Santé et sécurité au travail	40			2
2TSC /12	Introduction à la microbiologie	20			1
2TSC /13	Introduction à la pharmacologie	20			1
2TSC /14	Techniques de laboratoire	20			1
2TSC /15	Changements climatiques et problèmes actuels de santé	20			1
	<b>Total</b>	<b>380 H</b>	<b>60H</b>		<b>22H</b>

**DEUXIÈME ANNÉE DEUXIÈME SEMESTRE**

Code	Notions/Cours	Volume horaire/ durée			Unités
		<i>Théorie (h)</i>	<i>Pratique (h)</i>	<i>Stage (h)</i>	
2TSC /16	Santé des personnes âgées	20			1
2TSC /17	Santé des personnes handicapées	20			1
2TSC /18	Formation du personnel	20			1
2TSC /19	Gestion des ressources financières	20			1
2TSC /20	Système de référence/ contre référence et bénévolat	20			1
2TSC /21	Initiation à la recherche	20			1
2TSC /22	Compétences entrepreneuriales	20			1
2TSC /23	Système d'approvisionnement en médicaments essentiels	20			1
2TSC /24	Démarche de résolution de problème	60			3
2TSC /25	Santé des jeunes et des adolescents	60			3
2TSC /26	Participation communautaire	40			2
2TSC /27	Économie de la santé	20			1
<b>TOTAL</b>		<b>340 h</b>			<b>17</b>

**PROGRAMA HARMONIZADO DE FORMAÇÃO  
DE LICENCIADOS EM SAÚDE COMUNITÁRIA  
DO ESPAÇO CEDEAO**



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## **PREFÁCIO**

A Organização Oeste Africana da Saúde é a Instituição da Comunidade Económica dos Estados da África Ocidental (CEDEAO) especializada em saúde com a única responsabilidade de fornecer liderança em todas as áreas dos cuidados de saúde na região.

A Organização Oeste Africana da Saúde tem por missão oferecer o mais elevado nível em matéria de prestação de cuidados de saúde às populações da sub-região. Baseia-se na harmonização das políticas dos Estados-membros, na comunhão dos recursos e na cooperação entre os Estados-membros e os países terceiros a fim de, coletiva e estrategicamente, encontrar soluções para os problemas de saúde da sub-região.

Os Chefes de Estado e de Governo descobriram a necessidade de gerir, motivar e reter os profissionais de recursos humanos da saúde, o que permitirá resolver a crise dos recursos humanos da saúde nos Estados-membros da CEDEAO.

Para o efeito, a Assembleia dos Ministros da Saúde da CEDEAO decidiu facilitar a formação dos profissionais de saúde que responda aos problemas essenciais da saúde, bem como a disponibilidade e a mobilidade dos recursos humanos para a saúde na região da CEDEAO, o que também está de acordo com a implementação das seguintes ações:

1. Protocolo da CEDEAO / A/P3/1/03/Dakar e Convenção de 2003 sobre os A/C.1/1/03 relativos à educação e à formação na região CEDEAO sobre o reconhecimento dos estabelecimentos de ensino e a equivalência dos diplomas, certificados e outros títulos da CEDEAO.
2. Adoção de uma resolução sobre a harmonização dos currícula da CEDEAO pela 7ª Assembleia dos Ministros da Saúde (MAS), em Julho de 2006 em Abuja.
3. Adoção de uma resolução sobre a motivação e a retenção dos recursos humanos da saúde, pela Assembleia dos Ministros da Saúde da CEDEAO (Yamoussoukro, Côte d'Ivoire 2009).
4. O plano 2009-2013 do segundo plano estratégico e operacional da OOAS exigiu que devem ser desenvolvidos programas com base em competências para formação dos agentes comunitários de saúde do espaço CEDEAO.

A harmonização facilitada pela OOAS na região inclui a formação e a prática de todas as profissões de saúde e para a profissão de saúde ambiental, que são classificadas no quadro das profissões das disciplinas associadas de saúde. Esperamos que as universidades e os estabelecimentos de formação utilizarão este currículo harmonizado para desenvolver, reforçar a capacidade dos profissionais da saúde e reforçar o nosso sistema de cuidados de saúde no espaço CEDEAO.

Pensamos que este documento servirá igualmente de verdadeira plataforma para melhorar a mobilidade dos profissionais da saúde no espaço CEDEAO e, por conseguinte, promover a execução eficaz dos serviços de saúde preventivos e curativos para as populações da CEDEAO por pessoal qualificado. Permitirá igualmente acelerar a realização dos Objetivos de Desenvolvimento do Milénio no horizonte 2015 e depois.

**Diretor-Geral  
Organização Oeste Africana da Saúde**

## **PREÂMBULO**

A saúde comunitária é uma encruzilhada de disciplinas que tratam da promoção da saúde das populações. Sendo um conceito muito global, permite resolver os problemas de saúde em todos os países, tanto industrializados como em desenvolvimento. A implementação de intervenções de saúde de base comunitária permite a redução das desigualdades sociais de saúde através dos cuidados integrados das determinantes sociais e de saúde (DSS). Assim, os serviços de saúde comunitária reduzem as taxas de morbidade e de mortalidade, nomeadamente as dos grupos vulneráveis como as crianças, as mulheres, os portadores de deficiência, os jovens, os idosos, etc.

Os técnicos de saúde comunitária intervêm aos três níveis do sistema nacional de saúde. Prestam serviços a toda população, particularmente aos grupos vulneráveis como as crianças, as mulheres em idade reprodutiva, os portadores de deficiência, os jovens, os idosos, etc.. A implementação de abordagens de saúde comunitária nos países da CEDEAO foi fortemente recomendada pela Organização Mundial de Saúde (OMS) para, por um lado ultrapassar os desafios de acesso aos cuidados de saúde para todos e instaurar a justiça social e, por outro lado, reduzir a morbidade e a mortalidade, nomeadamente a materno-infantil.

## **INTRODUÇÃO**

Este curriculum de formação harmonizado visa desenvolver as competências necessárias dos técnicos em saúde comunitária para dispensar cuidados de qualidade às populações dos diferentes países do espaço CEDEAO. São cuidados preventivos, promocionais, curativos e de reabilitação, tanto para os indivíduos e as famílias como para as comunidades.

Os métodos de ensino privilegiados são os ativos, centrados no estudante, que exigem meios modernos e adequados de apoio à formação. As atividades pedagógicas são os cursos teóricos, os trabalhos dirigidos e os trabalhos práticos em laboratório.

Para completar as suas aquisições teóricas e prepará-los para a multiplicidade e/ou complexidade de situações profissionais e permitir, sobretudo, aprendizagens que não se podem realizar num contexto exclusivamente académico, a formação destes futuros profissionais implica absolutamente o contacto com a realidade no terreno. Igualmente, os estágios organizados em meio de cuidados e nas comunidades durante a formação, constituem uma resposta a este imperativo porque continuam a ser verdadeiros momentos de profissionalização.

O presente curriculum de formação articula-se em torno de informações chave como as condições de admissão à formação, o exame de entrada, a duração da formação, o título profissional conferido, a denominação do diploma, as qualidades necessárias para ser técnico de saúde comunitária, a qualificação dos formadores, o período de exames e de férias bem como o orçamento da formação.

## **FINALIDADE DO PROGRAMA**

A finalidade do programa de licenciatura em saúde comunitária é melhorar o estado de saúde dos indivíduos, das famílias e das comunidades nos países da CEDEAO através da disponibilização de uma mão-de-obra competente em saúde comunitária.

## **OBJECTIVO DA FORMAÇÃO**

O programa de licenciatura em saúde comunitária visa desenvolver, nos estudantes, capacidades para prestarem serviços de saúde comunitária de qualidade nos países membros da CEDEAO.

## **OBJECTIVOS GERAIS**

1. Conhecer a evolução da saúde comunitária nos países da CEDEAO;
2. Situar a saúde comunitária no sistema nacional de saúde;
3. Determinar as principais necessidades de uma comunidade ;
4. Implementar abordagens e estratégias diferentes de intervenção em saúde comunitária para resolver problemas de saúde identificados na comunidade;
5. Familiarizar-se com a gestão dos serviços de saúde comunitária;
6. Promover o envolvimento de todas as partes interessadas na implementação dos serviços de saúde comunitária;
7. Aplicar os textos legislativos e regulamentares à prática de saúde comunitária.

## **POSTOS DE AFETAÇÃO**

Os licenciados em saúde comunitária podem trabalhar numa das instituições seguintes:

- ✓ Centros de saúde de base
- ✓ Distritos sanitários
- ✓ Direções regionais de saúde
- ✓ Direções e serviços nacionais de saúde
- ✓ Serviços municipais (coletividades locais e territoriais)
- ✓ Projetos/Programas de saúde
- ✓ Organismos não-governamentais (ONGs)/associações que intervêm em saúde comunitária.

## **DURACÃO DA FORMAÇÃO**

Três (3) anos de estudos ou seja seis (6) semestres.

## **CONDIÇÕES DE ADMISSÃO**

Para aceder à formação do nível de licenciatura em saúde comunitária, é preciso :

- Ser titular de um diploma de técnico de saúde comunitária, de enfermeiro certificado, de auxiliar de enfermeiro, de agente de saúde de base, de preparador de farmácia, de agente de saúde ambiental ou de higiene/saneamento, de técnico de biologia médica, de técnico de prótese dentária ou equivalente
- Ter pelo menos três (3) anos de experiência profissional

- Passar no concurso profissional, no teste privado ou ser escolhido no estudo de dossiê dos candidatos de outras nacionalidades.

### **EXAMES DE ENTRADA E DE CERTIFICAÇÃO**

Os exames de entrada e de certificação são exames nacionais organizados anualmente por decreto ministerial. Para isso, será criado um comité de organização composto por representantes das escolas/institutos e representantes de outros ministérios envolvidos.

### **TÍTULO PROFISSIONAL**

O título profissional é : « *licenciado em saúde comunitária* »

### **DENOMINAÇÃO DO DIPLOMA**

O diploma obtido no fim do curso escolar é denominado « *licenciatura em saúde comunitária* »

### **QUALIDADES NECESSÁRIAS PARA SER LICENCIADO EM SAUDE COMUNITÁRIA**

As qualidades seguintes são necessárias para ser licenciado em saúde comunitária:

1. Ter aptidão física e mental ;
2. Ter as qualidades de um bom gestor ;
3. Ser capaz de trabalhar em equipa ;
4. Ser autónomo no seu trabalho ;
5. Ter espírito crítico de equipa;
6. Ter espírito de colaboração com os parceiros administrativos, sociais e a comunidade;
7. Ter sentido de responsabilidade

### **PERÍODO DE EXAMES E DE FÉRIAS**

Os períodos de exames e de férias são fixados da seguinte forma:

#### **Exames**

Haverá um exame no fim de cada semestre.

Será organizado um exame de certificação no fim do programa, que terá lugar a partir de fins de Junho do terceiro ano

#### **Férias:**

Agosto e Setembro

### **PERÍODOS E ÁREAS DE ESTÁGIO**

Os estágios decorrem no fim das aulas teóricas.

#### **Períodos**

- 1º ano : **um** (1) mês a partir de Junho
- ❖ 2º ano : dois (2) meses a partir de Abril
- ❖ 3º ano : cinco (5) meses a partir de Fevereiro

### **Áreas de estágio**

- 1º ano: estágio de diagnóstico comunitário
- 2º ano: estágio clínico
- 3º ano: estágio de intervenções em saúde comunitária

A equipa de enquadramento garante a supervisão de perto.

### **MODOS DE AVALIAÇÃO**

O modo de avaliação dos estudantes faz-se segundo o sistema LMD que compreende o controlo contínuo com um exame de fim de semestre. Todavia, as exposições, os trabalhos de casa ou de grupo podem ser objeto de avaliação. Os controlos são classificados de 0 a 20. Toda a ausência não justificada num controlo corresponde à nota 0. Contudo, é organizado um controlo de recuperação para os estudantes que apresentarem justificação.

### **MONOGRAFIA DE FIM DE ESTUDOS**

O estudante deve redigir uma monografia de fim de estudos, sob a supervisão de um Diretor de monografia.

### **CONDIÇÕES DE IMPLEMENTAÇÃO DO PROGRAMA**

#### **Corpo docente**

Para as aulas teóricas, práticas e para o enquadramento das monografias, os docentes devem possuir um mestrado ou um doutoramento em saúde comunitária ou numa disciplina conexas.

Para o enquadramento dos estágios, os professores devem ser licenciados em saúde comunitária, ser um profissional de saúde ou um agente de desenvolvimento comunitário e ter experiência profissional de pelo menos cinco (5) anos. Todo o docente ou orientador deve ter formação pedagógica.

#### **Material pedagógico**

É necessário um equipamento mínimo para as aulas :

- Material informático;
- Material didático (vídeo projetor, retroprojetor, televisão, magnetoscópio, cassetes vídeo) etc.
- Meios logísticos para a deslocação no terreno;
- Documentação, adequada, acesso à Internet.

### **CODIFICAÇÃO DOS CURSOS**

- O primeiro algarismo define o nível (1= 1º ano, 2 = 2º Ano, 3= 3º Ano)
- As 3 letras (LSC) indicam o tipo de formação (Licenciatura em Saúde Comunitária);
- O segundo algarismo identifica o número do curso
- As letras e o número do curso são separados por uma barra oblíqua

## **PAPÉIS E FUNÇÕES DOS LICENCIADOS EM SAÚDE COMUNITÁRIA**

Os licenciados em saúde comunitária são formados para desempenhar diferentes papéis e garantir as funções preventiva, promocional, curativa e de gestão nos serviços públicos, privados, descentralizados e nos organismos internacionais que intervêm na área da saúde.

### **Tarefas ligadas às funções preventiva e promocional**

- ❖ Explicar à comunidade a abordagem de saúde comunitária;
- ❖ Situar o seu papel profissional e o seu lugar na equipa de saúde;
- ❖ Conhecer os recursos disponíveis na comunidade ;
- ❖ Fazer um diagnóstico comunitário para identificar problemas de saúde;
- ❖ Aplicar a abordagem de resolução de problemas para melhorar a saúde das comunidades, em colaboração com a comunidade, os agentes sanitários e os profissionais de outras disciplinas que intervêm na comunidade;
- ❖ Elaborar programas de saúde, de comunicação e de educação para a saúde para resolver problemas prioritários de saúde ;
- ❖ Realizar atividades educativas sobre as diferentes causas e os meios de prevenção das doenças mentais;
- ❖ Organizar as populações, coordenar e controlar as atividades dos técnicos de saúde comunitária no seio da comunidade;
- ❖ Garantir a criação de comités locais de saúde;  
Garantir o funcionamento adequado dos comités locais de saúde;
- ❖ Promover a participação comunitária;
  - Iniciar a parceria e a colaboração intersectorial com as partes interessadas no desenvolvimento da saúde comunitária;
  - Participar na campanha periódica de educação em matéria de saúde em conformidade com as componentes dos cuidados primários de saúde;
  - Suscitar a colaboração intersectorial eficaz e adequada a fim de melhorar o tratamento dos problemas de saúde das comunidades;
  - Garantir a mobilização da comunidade;
  - Enquadrar as atividades de readaptação mental e dos portadores de deficiência implementadas na comunidade;
  - Contribuir para a execução das atividades educativas relativas às causas e à prevenção dos problemas de saúde buco-dentária;
  - Informar a comunidade sobre questões relativas ao género e à saúde reprodutiva;
  - Oferecer serviços de promoção da saúde aos adolescentes e aos jovens nos espaços reservados;
  - Oferecer serviços de planeamento familiar.

### **Tarefas ligadas à função administrativa e de gestão**

- ❖ Planificar e dirigir as reuniões dos comités locais de saúde;
- ❖ Controlar os agentes envolvidos na implementação das intervenções comunitárias; em conformidade com as componentes dos cuidados primários de saúde;
- ❖ Planificar e controlar as atividades de recenseamento dos alvos de intervenções;

- ❖ Organizar revisões periódicas sobre questões pertinentes em colaboração com a comunidade, os parceiros de desenvolvimento e as autoridades administrativas;
- ❖ Redigir, à intenção dos técnicos de saúde comunitária e dos agentes de saúde comunitária, processos de avaliação do estado de saúde dos indivíduos, das famílias e das comunidades;
- ❖ Participação na organização e na supervisão das sessões de vacinação na estrutura de saúde;
- ❖ Participar na organização de transferências e contra transferências segundo as normas;
- ❖ Desenvolver iniciativas que permitam estimular as atividades que concorrem para o desenvolvimento da comunidade;
- ❖ Promover a colaboração intersectorial para o bom funcionamento dos serviços de saúde comunitária;
- ❖ Identificar os problemas prioritários de saúde em colaboração com a comunidade, os parceiros de desenvolvimento, o pessoal de saúde e os técnicos de saúde comunitária que trabalham sob a sua responsabilidade;
- ❖ Iniciar uma abordagem de resolução de problemas de saúde identificados, em colaboração com a comunidade, os parceiros de desenvolvimento e o pessoal de saúde;
- ❖ Participar na gestão dos serviços de saúde;
- ❖ Garantir o seguimento/avaliação das atividades planificadas e reajustá-las, se necessário;
- ❖ Coordenar todas as atividades planificadas organizando reuniões regulares com o pessoal;
- ❖ Elaborar um plano de trabalho anual de acordo com a comunidade, o pessoal de saúde e os parceiros de desenvolvimento que intervêm na saúde comunitária;
- ❖ Controlar as atividades dos técnicos de saúde comunitária e dos agentes de saúde comunitária de base;
- ❖ Fazer a descrição de tarefas e a planificação das atividades dos técnicos de saúde comunitária;
- ❖ Atualizar regularmente os dados disponíveis sobre as atividades de saúde comunitária;
- ❖ Garantir o arquivo dos dados segundo as atividades realizadas e os problemas de saúde identificados;
- ❖ Organizar o sistema de aprovisionamento de medicamentos destinados à distribuição às comunidades de base;
- ❖ Participar na auditoria dos óbitos maternos e infantis.

### **Tarefas ligadas à função curativa**

- ❖ Avaliar o estado de saúde do doente;
- ❖ Tratar do paciente segundo um plano de intervenção elaborado e a nomenclatura definida nos textos legislativos e regulamentares;
- ❖ Dispensar cuidados curativos antes, durante e depois do parto;
- ❖ Tratar das doenças e das lesões correntes.



### **Tarefas ligadas à função de formação e de investigação**

- ❖ Atualizar os conhecimentos e reforçar o respeito pelas normas profissionais;
- ❖ Identificar as necessidades de formação dos membros da equipa de saúde e dos agentes de saúde comunitária;
- ❖ Participar na planificação, na execução e na avaliação dos programas de formação do pessoal de saúde, dos membros do comité de saúde, dos estagiários, dos técnicos de saúde comunitária, dos estudantes e dos agentes de saúde comunitária;
- ❖ Organizar a formação contínua do pessoal de saúde segundo as necessidades de formação identificadas em conformidade com a saúde comunitária;
- ❖ Garantir a formação de todos os atores de saúde comunitária;
- ❖ Participar na organização de estágios de saúde comunitária e na supervisão dos estagiários;
- ❖ Identificar temas pertinentes de investigação na área da saúde comunitária;
- ❖ Participar na redação de protocolos de investigação;
- ❖ Participar nas atividades de investigação em saúde comunitária;
- ❖ Utilizar as boas práticas e os resultados de investigação para melhorar a prática profissional.

**GRANDES LINHAS DO PROGRAMA**

**NIVEL 100 PRIMEIRO ANO PRIMEIRO SEMESTRE**

CÓDIGO	NOÇÕES	CARGA HORÁRIA			UNIDADE S/ CRÉDITO S
		Duração (H)	T	PR	
1.LSC/ 1	Introdução à saúde comunitária	60	40	20	3
1.LSC /2	Cuidados primários de saúde e promoção da saúde	60	40	20	3
1.LSC /3	Informática aplicada ao serviço de saúde	40	10	30	2
1.LSC /4	Biologia geral	60	40	20	3
1.LSC /5	Física geral	40	20	20	2
1.LSC /6	Química geral	40	20	20	2
1.LSC /7	Matemáticas gerais	40	30	10	2
1.LSC /8	Logica e pensamento criativo	20	10	10	1
1.LSC /9	Direito administrativo	40	30	10	2
1.LSC /10	Documentação	20	6	14	1
1.LSC /11	Introdução à demografia	20	10	10	1
1.LSC /12	inglês	60	30	30	3
<b>TOTAL</b>		<b>500</b>	<b>286</b>	<b>214</b>	<b>25</b>

**NIVEL 100 PRIMEIRO ANO SEGUNDO SEMESTRE**

CÓDIGO DO CURSO	NOÇÕES	CARGA HORÁRIA			UNIDADES/ CRÉDITOS
		Duração (h)	T	PR	
1. LSC /13	Diagnóstico comunitário	60	20	40	3
1. LSC /14	Introdução à sociologia da saúde	40	30	10	2
1. LSC /15	Introdução à psicologia	40	20	10	2
1. LSC /16	Anatomia e fisiologia	60	40	20	3
1. LSC /17	Aspetos socioculturais da saúde	40	30	10	2
1. LSC /18	Nutrição e patologias nutricionais	60	40	20	3
1. LSC /19	Introdução à bioestatística	40	20	20	2
1. LSC /20	Gestão dos lixos hospitalares e sanitários	40	10	30	2
Estágio	Diagnóstico comunitário	1 mês			
<b>TOTAL</b>		<b>380</b>	<b>210</b>	<b>160</b>	<b>19</b>

Nível 200 SEGUNDO ANO

PRIMEIRO SEMESTRE

CÓDIGO DO CURSO	NOÇÕES	CARGA HORÁRIA			UNIDADES/ CRÉDITOS
		Duração (h)	T	PR	
2LSC /1	Ética em saúde comunitária	40	30	10	2
2LSC /2	Mobilização e participação comunitária	40	20	20	2
2LSC /3	Cuidados primários de saúde de oftalmologia	40	30	10	2
2LSC /4	Promoção de higiene	40	20	20	2
2LSC /5	Alterações climáticas e problemas atuais de saúde ambiental	40	30	10	2
2LSC /6	Promoção da saúde	40	20	20	2
2LSC /7	Acidentes e urgências	40	20	20	2
2LSC /8	IEC/CCC/Educação para saúde	40	20	20	2
2LSC //9	Saúde escolar	40	20	20	2
2LSC /10	Economia da saúde	40	30	10	2
2LSC /11	Sistema de informação sanitária	40	20	20	2
<b>TOTAL</b>		<b>440</b>	<b>260</b>	<b>180</b>	<b>22</b>

Nível 200 SEGUNDO ANO

SEGUNDO SEMESTRE

CÓDIGO DO CURSO	NOÇÕES	CARGA HORÁRIA			UNIDADES/ CRÉDITOS
		Duração (h)	T	PR	
2LSC /12	Doenças transmissíveis e não transmissíveis	60	40	20	3
2LSC /13	Sociologia médica	40	40		2
2LSC /14	Saúde da criança	60	40	20	3
2LSC /15	Saúde reprodutiva	60	40	20	3
2LSC. /16	Princípios e métodos da epidemiologia	40	30	10	2
2LSC /17	Vigilância epidemiológica das doenças transmissíveis	40	20	20	2
2LSC /18	Imunologia, vacinação e gestão da cadeia de frio	60	40	20	3
2LSC /19	Textos legislativos e regulamentares	60	40	20	3
2LSC /20	Cuidados em ORL	40	30	10	2
2LSC /21	Estágio e prática clínica I	40	10	30	2
Estágio	Estágio clínico	2 meses			
<b>TOTAL</b>		<b>500</b>	<b>330</b>	<b>170</b>	<b>25</b>

**Nível 300 TERCEIRO ANO**

**PRIMEIRO SEMESTRE**

CÓDIGO DO CURSO	NOÇÕES	CARGA HORÁRIA			UNIDADES/CRÉDITOS
		Duração (h)	T	PR	
3LSC / 1	Introdução à gestão dos medicamentos de base	40	30	10	2
3LSC / 2	Gestão dos serviços de saúde	40	30	10	2
3LSC / 3	Competências clínicas	60	20	40	3
3LSC / 4	Doenças transmissíveis, doenças não transmissíveis e crónicas	40	20	20	2
3LSC / 5	Introdução às leis de saúde pública	40	30	10	2
3LSC / 6	Geriatria e gerontologia	40	20	20	2
3LSC / 7	Seguimento/avaliação	60	30	30	3
3LSC / 8	Metodologia da investigação	60	30	30	3
3LSC / 9	Estágio e prática clínica II	40	10	30	2
<b>TOTAL</b>		<b>420</b>	<b>230</b>	<b>190</b>	<b>21</b>

**NIVEL 300 TERCEIRO ANO**

**SEGUNDO SEMESTRE**

CÓDIGO DO CURSO	NOÇÕES	CARGA HORÁRIA			UNIDADES CRÉDITOS
		Duração (h)	T	PR	
3LSC / 10	Cuidados aos portadores de deficiência	40	20	20	2
3LSC / 11	Voluntariado e serviço móvel de saúde	40	20	20	2
3LSC / 12	Experiência comunitária supervisionada	60	20	40	3
3LSC / 13	Seminário	40	10	40	2
3LSC / 14	Competência empresarial	40	10	30	2
3LSC / 15	Saúde buco-dentária	40	30	10	2
3LSC / 16	Formação contínua do pessoal	60	30	30	3
3LSC / 17	Projeto de investigação	80	20	60	4
<b>ESTÁGIO</b>	<b>Intervenções em saúde comunitária</b>	<b>3 meses</b>			
<b>TOTAL</b>		<b>420</b>	<b>160</b>	<b>250</b>	<b>18</b>

**CARGA HORÁRIA GLOBAL**

A carga horária (teoria + prática) sem os estágios é de 2640 horas e de 130 unidades/créditos repartidos como indicado no quadro seguinte :

**Quadro recapitulativo**

ANOS DE ESTUDOS	SEMESTRE	CARGA HORARIA			UNIDADES/CREDITOS
		Total	Teoria	Prática	
Primeiro ano	Semestre 1	500	286	214	25
	Semestre 2	380	210	160	19
Segundo ano	Semestre 1	440	260	180	22
	Semestre 2	500	330	170	23
Terceiro ano	Semestre 1	420	230	190	21
	Semestre 2	400	160	250	18
<b>TOTAL</b>		<b>2640</b>	<b>1476</b>	<b>1164</b>	<b>130</b>

## **DESCRIÇÃO DOS CURSOS**

**NÍVEL 100** **PRIMEIRO ANO - PRIMEIRO SEMESTRE**

**TÍTULO DO CURSO: INTRODUÇÃO À SAÚDE COMUNITÁRIA**

**Código de curso:** 1TSC/1

**Duração** : 20 horas

**Unidades** : 1

**Objetivo** : Adquirir conhecimentos básicos em saúde comunitária.

**Objetivo geral** :

Compreender os conceitos básicos de saúde comunitária.

**Objetivos operacionais** :

1. Refazer o historial da saúde comunitária
2. Definir o conceito de saúde comunitária a partir das suas componentes
3. Estabelecer a diferença entre os principais conceitos ligados à saúde comunitária
4. Explicar os princípios da saúde comunitária
5. Explicar os objetivos e as vantagens da saúde comunitária
6. Explicar os objetivos da saúde comunitária
7. Descrever o papel dos profissionais de saúde da comunidade no que se refere à sua oferta de serviços de saúde nas diversas comunidades
8. Explicar o conceito de desigualdades sociais de saúde
9. Explicar a noção de determinantes sociais e de saúde
10. Explicar as características da abordagem comunitária de saúde

**Conteúdo** :

- Política e sistema de saúde do país
- Pirâmide sanitária
- Historial da saúde comunitária
- Conceito de saúde comunitária a partir das suas componentes
- Principais conceitos ligados à saúde comunitária
- Princípios de saúde comunitária
- Objetivos e vantagens da saúde comunitária
- Objetivos da saúde comunitária
- Papel dos profissionais de saúde da comunidade na sua oferta de serviços de saúde nas diversas comunidades
- Conceito de desigualdades sociais de saúde
- Noção de determinantes sociais e de saúde
- Características da abordagem comunitária de saúde
- Atores da saúde comunitária

## **TÍTULO DO CURSO: CUIDADOS PRIMÁRIOS DE SAÚDE E PROMOÇÃO DA SAÚDE**

**Código de curso:** 1 LS/2

**Duração** : 60 Horas

**Unidades** : 3

**Objetivo** : Adquirir conhecimentos em cuidados primários de saúde e promoção da saúde.

### **Objetivo geral :**

*Aprender a importância dos CPS e da promoção da saúde na resolução das desigualdades de acesso aos cuidados de saúde.*

### **Objetivos operacionais :**

1. Descrever o papel do TSC segundo os níveis de intervenção dos cuidados primários de saúde
2. Refazer o historial dos CPS e da promoção da saúde
3. Definir os conceitos de cuidados primários de saúde e promoção da saúde
4. Situar o lugar dos cuidados primários de saúde no sistema nacional de saúde do país
5. Explicar os princípios fundamentais subjacentes aos cuidados primários de saúde e as condições necessárias à saúde
6. Descrever todas as componentes dos cuidados primários de saúde e os eixos de intervenção da promoção da saúde
7. Explicar a importância da Iniciativa de Bamako/Recuperação do custo na implementação dos cuidados primários de saúde
8. Enumerar as diferentes estratégias dos cuidados primários de saúde e da promoção da saúde.

### **Conteúdo :**

- Papel do TSC segundo os níveis de intervenção dos cuidados primários de saúde
- Historial dos CPS e da promoção da saúde
- Conceitos: cuidados primários de saúde e promoção da saúde
- Lugar dos cuidados primários de saúde no sistema nacional de saúde do país
- Princípios fundamentais que estão na base dos cuidados primários de saúde e as condições necessárias à saúde
- Componentes dos cuidados primários de saúde e os eixos de intervenção da promoção da saúde
- Importância da iniciativa de Bamako/recuperação do custo na implementação dos cuidados primários de saúde
- Diferentes estratégias dos cuidados primários de saúde e da promoção da saúde
- Definição da saúde e dos cuidados primários de saúde

## **TÍTULO DO CURSO: INFORMÁTICA APLICADA AOS SERVIÇOS DE SAÚDE COMUNITÁRIA**

**Código de Curso** : 1 LSC/3

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em informática aplicada aos serviços de saúde comunitária.

### **Objetivos gerais:**

- Dominar o sistema de exploração do computador e os princípios básicos da utilização do instrumento informático e da internet.

### **Objetivos operacionais :**

1. Definir os conceitos de computador e de informática
2. Identificar os diferentes tipos de computadores
3. Identificar as diferentes partes de um computador
4. Utilizar os programas utilizados com mais frequência e as janelas de Windows
5. Explicar o sistema de funcionamento do computador
6. Explicar o princípio de utilização de um computador
7. Fazer o tratamento do texto e dos dados
8. Utilizar a técnica de cópias de um texto
9. Gravar um texto
10. Efetuar correções e formatações
11. Verificar a ortografia
12. Utilizar a impressora
13. Criar quadros
14. Fazer uma apresentação PowerPoint,
15. Trabalhar em rede
16. Utilizar a internet e o endereço eletrónico

### **Conteúdo :**

- ✓ Historial do computador digital
- ✓ Definição de computador
- ✓ Diferentes tipos de computadores
- ✓ Diferentes partes de um computador

- ✓ Programas utilizados com mais frequência e as janelas de Windows
- ✓ Sistema de funcionamento do computador
- ✓ Princípio de utilização de um computador
- ✓ Tratamento do texto e dos dados
- ✓ Técnica de cópias de um texto
- ✓ Gravação de um texto
- ✓ Correções e formatações
- ✓ Verificação da ortografia
- ✓ Iniciação à impressora
- ✓ Verificação e correção de dados
- ✓ Utilização de fórmulas matemáticas
- ✓ Formatos digitais
- ✓ Criação de quadros
- ✓ Apresentação PowerPoint
- ✓ Trabalho em rede
- ✓ Internet e endereço eletrónico
- ✓ Fóruns de debate



## **TÍTULO DO CURSO: BIOLOGIA GERAL**

**Código de Curso** : 1 LSC /4 :

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir conhecimentos básicos de biologia geral.

### **Objetivo geral:**

No fim do curso o estudante deverá ser capaz de dominar as noções básicas de biologia geral.

### **Objetivos operacionais :**

1. Descrever as principais constituintes de uma célula
2. Descrever a fisiologia celular

### **Conteúdo :**

- ✓ Anatomia celular : membrana plásmica, citoplasma, núcleo, organitos
- ✓ Fisiologia dos diferentes constituintes celulares
- ✓ Divisão celular - mitose e meiose.

## **TÍTULO DO CURSO: FÍSICA GERAL**

**Código de Curso** : 1 LSC/5

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos básicos de física geral.

### **Objetivo geral:**

No fim do curso o estudante deverá ser capaz de :

- Dominar os princípios fundamentais da mecânica

### **Objetivos operacionais :**

1. Explicar as propriedades mecânicas da matéria
2. Explicar as ondas mecânicas, a física térmica
3. Identificar as propriedades térmicas
4. Explicar as leis fundamentais da eletricidade e do magnetismo e suas aplicações
5. Explicar os princípios e aplicações da ótica geométrica e física

### **Conteúdo :**

- ✓ Propriedades mecânicas da matéria : elasticidade, tensão de superfície e viscosidade
- ✓ Ondas mecânicas
- ✓ Física térmica
- ✓ Propriedades térmicas (termodinâmica elementar e teoria do movimento)
- ✓ Leis fundamentais da eletricidade e do magnetismo e suas aplicações
- ✓ Ótica: princípios e aplicações da ótica geométrica e física.

## **TÍTULO DO CURSO: QUÍMICA GERAL**

**Código de Curso** : 1 LSC/6

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos básicos de química geral

### **Objetivo geral:**

No fim do curso o estudante deverá ser capaz de dominar as noções elementares de reações químicas.

### **Objetivos operacionais :**

1. Estabelecer a configuração eletrónica
2. Explicar o núcleo e a radioatividade
3. Explicar as ligas metálicas e as ligas intermoleculares
4. Classificar os elementos
5. Explicar a apresentação orbital atómica
6. Explicar a graduação das propriedades atómicas
7. Explicar a teoria do movimento e os estados da matéria.

### **Conteúdo :**

- ✓ Configuração eletrónica
- ✓ Núcleo e radioatividade
- ✓ Ligas metálicas e ligas intermoleculares
- ✓ Classificação dos elementos
- ✓ Apresentação orbital atómica
- ✓ Graduação das propriedades atómicas (conceito de mole 1 e 2)
- ✓ Teoria do movimento e os estados da matéria (gás, líquidos e sólidos)

## **TÍTULO DO CURSO: MATEMÁTICAS GERAIS**

**Código de Curso** : 1 LSC /7

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos básicos em matemáticas gerais

### **Objetivo geral:**

No fim do curso o estudante deverá ser capaz de dominar as fórmulas matemáticas correntes.

### **Objetivos operacionais**

1. Definir a noção de matemáticas gerais
2. Enumerar as fórmulas correntes de matemáticas gerais
3. Efetuar cálculos de probabilidade

### **Conteúdo :**

- ✓ Noção de matemáticas gerais
- ✓ Fórmulas correntes de matemáticas gerais
- ✓ Cálculos de probabilidade

## **TÍTULO DO CURSO: LÓGICA E PENSAMENTO CRIATIVO**

**Código de Curso** : 1 LSC/ 8

**Duração** : 20 horas

**Unidade** : 1

### **Objetivo :**

Adquirir conhecimentos básicos em lógica e pensamento criativo.

### **Objetivo geral:**

No fim do curso o estudante deverá ser capaz de conhecer os elementos básicos da lógica e do pensamento criativo.

### **Objetivos operacionais :**

1. Definir a noção de lógica e de pensamento criativo
2. Explicar os princípios básicos da lógica e do pensamento criativo
3. Utilizar os diferentes instrumentos da lógica e do pensamento criativo na construção dos seus argumentos

### **Conteúdo :**

- ✓ Noção de lógica e de pensamento criativo
- ✓ Princípios básicos da lógica e do pensamento criativo
- ✓ Utilização dos diferentes instrumentos da lógica e do pensamento criativo na construção dos seus argumentos

## **TÍTULO DO CURSO: DIREITO ADMINISTRATIVO**

**Código de Curso** : 1 LSC/ 9

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos básicos em direito administrativo.

### **Objetivo geral:**

No fim do curso o estudante deverá ser capaz de apreender o direito administrativo do país.

### **Objetivos operacionais :**

1. Explicar a Constituição do país
2. Explicar a importância da Constituição internacional
3. Efetuar uma análise comparativa da Constituição do país e da constituição internacional
4. Descrever o processo de elaboração de uma constituição
5. Explicar os direitos fundamentais de um cidadão num país
6. Explicar as diferentes formas de aquisição da nacionalidade de um país
7. Avaliar as vantagens e os inconvenientes da cidadania adquirida
8. Analisar a base de retirada da cidadania adquirida

### **Conteúdo :**

- ✓ Conceito de Constituição, norma de direito
- ✓ Diferentes tipos de Constituição
- ✓ Vantagens e limites da Constituição
- ✓ Disposições da Constituição internacional
- ✓ Importância da Constituição nacional em relação às outras leis locais ou nacionais
- ✓ Processo de elaboração de uma Constituição
- ✓ Descentralização
- ✓ Organizações regionais e sub-regionais
- ✓ Ordens profissionais da saúde
- ✓ Direitos e deveres do cidadão, instituição da República

## **TÍTULO DO CURSO: DOCUMENTAÇÃO**

**Código de Curso** : 1 LSC /10

**Duração** : 20 horas (10 horas CT e 10 horas TD)

**Unidade** : 1

### **Objetivo :**

Adquirir competências básicas em investigação documental.

### **Objetivo geral:**

No fim do curso o estudante deverá ser capaz de realizar uma investigação documental na biblioteca e na net.

### **Objetivos operacionais :**

1. Definir os conceitos básicos de biblioteconomia
2. Citar os tipos de bibliotecas e as formas de serviços bibliotecários
3. Explicar a catalogação e os sistemas de classificação dos livros
4. Descrever as qualidades de uma boa biblioteca
5. Explicar o papel da ética na gestão de uma biblioteca
6. Explicar o conceito de biblioteca eletrónica

### **Conteúdo :**

- ✓ Conceitos básicos de biblioteconomia
- ✓ Tipos de bibliotecas e formas de serviços bibliotecários
- ✓ Catalogação e sistemas de classificação dos livros
- ✓ Qualidades de uma boa biblioteca
- ✓ Papel da ética na gestão de uma biblioteca
- ✓ Conceito de biblioteca eletrónica

**TÍTULO DO CURSO: INTRODUÇÃO À DEMOGRAFIA**

**Código de Curso** : 1 LSC/11

**Duração** : 20 horas

**Unidade** : 1

**Objetivo :**

Adquirir conhecimentos básicos em demografia.

**Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de compreender os conceitos básicos de demografia.

**Objetivos operacionais :**

1. Definir os conceitos relativos à demografia
2. Descrever a estrutura da população e suas características
3. Explicar as determinantes do crescimento e da distribuição demográfica
4. Identificar as fontes de dados demográficos
5. Identificar os efeitos da estrutura da população na saúde
6. Explicar os sistemas de registo civil
7. Calcular as medidas e desvios da mortalidade
8. Explicar os conceitos e medidas de quadros de fecundidade
9. Explicar a política demográfica nacional

**Conteúdo :**

- ✓ Definição e conceitos de demografia
- ✓ Estrutura da população e suas características
- ✓ Determinantes do crescimento e da distribuição demográfica
- ✓ Fontes de dados demográficos
- ✓ Efeitos da estrutura da população na saúde
- ✓ Sistemas de registo civil
- ✓ Medidas e desvios de mortalidade
- ✓ Conceitos e medidas de quadros de fecundidade
- ✓ Migrações
- ✓ Política demográfica nacional



## **TÍTULO DO CURSO: INGLÊS**

**Código de Curso** : 1 LSC /12  
**Duração** : 60 horas  
**Unidade** : 3

### **Objetivo :**

Adquirir competências em inglês.

### **Objetivo geral**

No fim do curso o estudante deve ser capaz de utilizar o inglês em todas as suas atividades.

### **Objetivos operacionais :**

1. Colocar boas questões nos serviços de saúde e na comunidade
2. Dar instruções corretas aos doentes e seus parentes
3. Fazer uma descrição correta dos instrumentos, medicamentos e doenças
4. Descrever os diferentes tipos de experiências
5. Explicar a ordem lógica da apresentação
6. Explicar os diferentes tipos de frases
7. Explicar as partes de uma frase
8. Explicar os tempos
9. Descrever os diferentes tipos de cartas comerciais, isto é, pedidos, requisições, convites e queixas
10. Utilizar a língua adequada para a redação de um tipo especial de carta
11. Escrever os diferentes tipos de cartas
12. Explicar as técnicas de redação de uma publicação

### **Conteúdo :**

- ✓ Exposição sobre questões de atualidade
- ✓ Trabalhos publicados de interesse literário
- ✓ Desenvolvimento de ideias num determinado artigo
- ✓ Redação de artigos para publicação
- ✓ Redação do relatório
  - características de um bom relatório
  - etapas da redação de um relatório
  - avaliação do relatório
- ✓ Desenvolvimento do vocabulário: vogais e consoantes, concordância de tempo
- ✓ Redação das correspondências e dos artigos
- ✓ Ilustração
- ✓ Descrição
- ✓ Técnicas de resumos, entrevista, apresentação dos discursos em inglês.

## **TÍTULO DO CURSO: DIAGNÓSTICO COMUNITÁRIO**

**Código de Curso** : 1 LSC /13

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir competências em diagnóstico comunitário.

### **Objetivo geral:**

- Fazer um diagnóstico de saúde comunitária

### **Objetivos operacionais :**

1. Definir o conceito de diagnóstico comunitário
2. Explicar as características da abordagem comunitária
3. Identificar as características da comunidade
4. Identificar as necessidades e os problemas de uma comunidade
5. Analisar os dados
6. Interpretar os dados

### **Conteúdo :**

- ✓ Definição de diagnóstico comunitário
- ✓ Características da abordagem comunitária
- ✓ Características da comunidade
- ✓ Identificação das necessidades e dos problemas de uma comunidade
- ✓ Análise e interpretação dos dados de uma comunidade

## **TÍTULO DO CURSO: EXPRESSÃO FRANCESA**

**Código de Curso** : ILSC/14

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em expressão francesa

### **Objetivos gerais :**

No fim do curso o estudante deve ser capaz de utilizar o francês nas suas atividades.

### **Objetivos operacionais :**

1. Colocar boas questões nos serviços de saúde e na comunidade
2. Dar instruções corretas aos doentes e seus parentes
3. Fazer uma descrição correta dos instrumentos, medicamentos e doenças
4. Descrever os diferentes tipos de experiências
5. Explicar a ordem lógica da apresentação
6. Explicar os diferentes tipos de frases
7. Explicar as partes de uma frase
8. Explicar os tempos
9. Descrever os diferentes tipos de cartas comerciais, isto é, pedidos, requisições, convites e queixas
10. Utilizar a língua adequada para a redação de um tipo especial de carta
11. Escrever os diferentes tipos de cartas
12. Explicar as técnicas de redação de uma publicação

### **Conteúdo**

- ✓ Exposição sobre questões de atualidade
- ✓ Trabalhos publicados de interesse literário
- ✓ Desenvolvimento de ideias num determinado artigo
- ✓ Redação de artigos para publicação
- ✓ Redação do relatório
  - características de um bom relatório
  - etapas da redação de um relatório
  - avaliação do relatório
- ✓ Desenvolvimento do vocabulário: vogais e consoantes, concordância de tempo
- ✓ Redação das correspondências e dos artigos
- ✓ Ilustração, descrição, técnicas de resumos, entrevista
- ✓ Apresentação dos discursos em francês

## **NÍVEL 200 SEGUNDO SEMESTRE**

### **TÍTULO DO CURSO: INTRODUÇÃO À SOCIOLOGIA**

**Código de Curso** : 1 LSC/ 15

**Duração** : 40 horas

**Unidades** : 2

#### **Objetivo :**

Adquirir conhecimentos básicos em sociologia

#### **Objetivo geral:**

No fim deste curso, o estudante deverá ser capaz de compreender as noções básicas em sociologia.

#### **Objetivos operacionais :**

1. Definir a sociologia
2. Rever o historial da sociologia
3. Explicar as perspetivas da sociologia
4. Descrever a organização tradicional da sociedade
5. Identificar os grupos e os sistemas normativos e culturais
6. Conhecer as instituições sociais
7. Conhecer as organizações religiosas e confessionais

#### **Conteúdo :**

- ✓ Definição de sociologia
- ✓ Historial da sociologia
- ✓ Perspetivas da sociologia
- ✓ Organização tradicional da sociedade
- ✓ Grupos e os sistemas normativos e cultura
- ✓ Instituições sociais
- ✓ Organizações religiosas e confessionais

## **TÍTULO DO CURSO: INTRODUÇÃO À PSICOLOGIA**

**Código de Curso** : 1 LSC /16

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos básicos em psicologia.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de compreender as noções básicas de psicologia.

### **Objetivos operacionais :**

1. Descrever a evolução do comportamento humano
2. Explicar os princípios da evolução da personalidade
3. Descrever o processo de aprendizagem
4. Descrever o processo de constituição e de mudança de atitude

### **Conteúdo :**

- ✓ Evolução do comportamento humano
- ✓ Princípios da evolução da personalidade
- ✓ Processo de aprendizagem
- ✓ Memória humana
- ✓ Emoções humanas
- ✓ Processo de constituição e de mudança de atitude

## **TÍTULO DO CURSO: ANATOMIA E FISIOLOGIA**

**Código de Curso** : 1 LSC /17

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir conhecimentos básicos em anatomia e fisiologia.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de compreender a anatomia e o funcionamento do organismo humano.

### **Objetivos operacionais :**

1. Descrever a anatomia e a fisiologia do organismo humano
2. Explicar o funcionamento dos órgãos, aparelhos e sistemas do organismo humano

### **Conteúdo :**

Anatomia do :

- ✓ sistema cardiovascular
- ✓ sistema respiratório
- ✓ sistema genito-urinário
- ✓ sistema digestivo
- ✓ sistema reprodutor
- ✓ sistema locomotor
- ✓ órgãos dos sentidos: pele, olhos, ouvidos, nariz
- ✓ sistema buco-dental
- ✓ sistema endócrino e linfático etc.
- ✓ órgãos de sentidos especiais
- ✓ células e tecidos do organismo

Fisiologia do :

- ✓ sistema cardiovascular,
- ✓ sistema respiratório
- ✓ sistema genito-urinário
- ✓ sistema digestivo
- ✓ sistema reprodutor
- ✓ sistema locomotor
- ✓ órgãos dos sentidos: pele, olhos, ouvidos, nariz

## **TÍTULO DO CURSO: ASPECTOS SOCIOCULTURAIS DA SAÚDE**

**Código de Curso** : 1 LSC/ 18

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos sobre os aspetos socioculturais da saúde.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de compreender os aspetos socioculturais da saúde.

### **Objetivos operacionais :**

3. Explicar as determinantes socioculturais da saúde
4. Explicar as práticas nocivas à saúde

### **Conteúdo :**

- ✓ Determinantes socioculturais da saúde
- ✓ Práticas nocivas à saúde

## **TÍTULO DO CURSO: NUTRIÇÃO E PATOLOGIAS NUTRICIONAIS**

**Código de Curso** : 1 ISC/ 19

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir conhecimentos de nutrição e de tratamento das patologias nutricionais.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de :

- Compreender os elementos básicos de nutrição
- Garantir o tratamento das patologias nutricionais

### **Objetivos operacionais :**

1. Definir o conceito de nutrição
2. Estabelecer a classificação dos alimentos
3. Determinar os diferentes valores nutricionais dos alimentos e seu impacto na saúde
4. Determinar o regime de desmame
5. Prescrever um regime terapêutico
6. Aconselhar a população sobre a importância do cumprimento da higiene alimentar
7. Identificar as doenças nutricionais

### **Conteúdo :**

- ✓ Ideias gerais sobre nutrição
- ✓ Classificação dos alimentos
- ✓ Valores nutricionais dos alimentos e seu impacto na saúde
- ✓ Seleção e formulação dos regimes de desmame
- ✓ Preparação e regime terapêutico
- ✓ Diabetes e regime alimentar
- ✓ Higiene alimentar
- ✓ Doenças nutricionais : obesidade, desnutrição avitaminose



## **TÍTULO DO CURSO: INTRODUÇÃO À BIOESTATÍSTICA**

**Código de Curso** : 1 LSC/ 20

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos básicos em bioestatística.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de compreender as noções de bioestatística.

### **Objetivos operacionais :**

1. Aprender as diferentes noções sobre a bioestatística nos cuidados de saúde
2. Descrever o processo estatístico
3. Explicar os diferentes métodos estatísticos correntes
4. Fazer análises estatísticas

### **Conteúdo :**

- ✓ Generalidades sobre as aplicações da bioestatística nos cuidados de saúde
- ✓ Processo estatístico
- ✓ Métodos estatísticos correntes
- ✓ Análises estatísticas

## **TÍTULO DO CURSO: GESTÃO DOS LIXOS BIOMÉDICOS**

**Código de Curso** : ILSC/ 21

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências na gestão dos lixos biomédicos.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de garantir a gestão dos lixos biomédicos.

### **Objetivos operacionais :**

1. Definir o lixo biomédico
2. Classificar os lixos biomédicos
3. Identificar as fontes e impactos dos lixos biomédicos na saúde
4. Participar na gestão dos lixos biomédicos e normais
5. Determinar as etapas de manipulação e de transporte dos lixos biomédicos e normais
6. Identificar as tecnologias de tratamento dos lixos biomédicos e normais
7. Determinar o modo de reciclagem e de reutilização dos lixos
8. Descrever o papel da legislação na gestão dos lixos biomédicos e normais
9. Explicar os diferentes métodos de eliminação dos lixos biomédicos e normais
10. Identificar as normas de saúde e de segurança do pessoal e de outros trabalhadores
11. Identificar os métodos de controlo das infeções e das intervenções de urgência

### **Conteúdo :**

- ✓ Definição e classificação dos lixos biomédicos
- ✓ Fontes e impactos dos lixos biomédicos na saúde
- ✓ Gestão dos lixos biomédicos e normais
- ✓ Manutenção e transporte dos lixos biomédicos e normais
- ✓ Tecnologias de tratamento dos lixos biomédicos e normais
- ✓ Reciclagem e reutilização dos lixos
- ✓ Papel da legislação na gestão dos lixos biomédicos e normais
- ✓ Métodos de eliminação dos lixos biomédicos e normais
- ✓ Normas de saúde e de segurança do pessoal e outros trabalhadores
- ✓ Controlo das infeções e das intervenções de urgência

## **NÍVEL 200 PRIMEIRO SEMESTRE**

### **TÍTULO DO CURSO: ÉTICA EM SAÚDE COMUNITÁRIA**

**Código de Curso** : 2 LSC /1

**Duração** : 40 horas

**Unidade** : 2

#### **Objetivo :**

Adquirir conhecimentos de ética aplicada à saúde comunitária.

#### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de compreender os elementos éticos aplicados à saúde comunitária.

#### **Objetivos operacionais :**

1. Definir o conceito de moralidade
2. Identificar os aspetos legais da prática em saúde comunitária
3. Estabelecer relações intra e inter profissionais
4. Identificar a instituição de relação profissional e autoridade legal
5. Explicar os elementos contidos no código de deontologia

#### **Conteúdo :**

- ✓ Aspetos gerais
- ✓ Ética: aspetos legais da prática em saúde comunitária
- ✓ Conceito de moralidade
- ✓ Relações intra e inter profissionais
- ✓ Instituição de relação profissional e autoridade legal
- ✓ Código de deontologia

## **TÍTULO DO CURSO: MOBILIZAÇÃO E PARTICIPAÇÃO COMUNITÁRIA**

**Código de Curso** : 2 LSC/ 2

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências de mobilização e participação comunitária

### **Objetivos gerais:**

No fim do curso o estudante deverá ser capaz de dominar a mobilização e a participação comunitária.

### **Objetivos operacionais :**

1. Definir os conceitos relativos à mobilização comunitária
2. Definir o plaidoyer, o diagnóstico e a participação comunitária
3. Identificar as etapas e níveis de plaidoyer
4. Fazer um diagnóstico comunitário
5. Fazer a mobilização comunitária
6. Tratar a informação durante o plaidoyer
7. Determinar os instrumentos utilizados na análise de situação e no diagnóstico comunitário
8. Descrever o processo e os métodos de apresentação da mensagem de plaidoyer e diagnóstico comunitário
9. Utilizar o material de plaidoyer
10. Formar comitês de execução

### **Conteúdo :**

- ✓ Definição dos conceitos relativos à mobilização comunitária
- ✓ Definição de plaidoyer, de diagnóstico e de participação comunitária
- ✓ Etapas e níveis de plaidoyer
- ✓ Diagnóstico e mobilização da comunidade
- ✓ Tratamento da informação durante o plaidoyer
- ✓ Diagnóstico e mobilização da comunidade
- ✓ Instrumentos utilizados na análise de situação e no diagnóstico comunitário
- ✓ Processo e os métodos de apresentação da mensagem de plaidoyer e diagnóstico comunitário
- ✓ Utilização do material de plaidoyer
- ✓ Formação e organização dos comitês de execução

## **TÍTULO DO CURSO: CUIDADOS PRIMÁRIOS DE SAÚDE EM OFTALMOLOGIA**

**Código de Curso** : 2 LSC/ 3

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em cuidados primários de saúde em oftalmologia.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de garantir cuidados primários de saúde em oftalmologia.

### **Objetivos operacionais :**

1. Fazer uma revisão da anatomia e da fisiologia dos olhos
2. Identificar o equipamento básico vital e sua utilização no diagnóstico e no tratamento das doenças dos olhos
3. Sensibilizar as comunidades sobre práticas nocivas aos olhos

### **Conteúdo :**

- ✓ Revisão da anatomia e da fisiologia dos olhos
- ✓ Equipamento básico vital e sua utilização no diagnóstico e no tratamento das doenças dos olhos
- ✓ Práticas nocivas aos olhos

## **TÍTULO DO CURSO: PROMOÇÃO DA HIGIENE**

**Código de Curso** : 2 LS/ 4

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em higiene.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de promover a higiene em todas as circunstâncias.

### **Objetivos operacionais :**

- Definir o conceito de higiene
- Descrever as áreas da higiene
- Realizar atividades de promoção da higiene

### **Conteúdo :**

- ✓ Conceito de higiene
- ✓ Áreas da higiene :
  - Higiene corporal
  - Higiene do vestuário
  - Higiene alimentar
  - Higiene do meio
  - Higiene no trabalho
  - Poluição sonora
- ✓ Atividades de promoção da higiene

## **TÍTULO DO CURSO: ALTERAÇÕES CLIMÁTICAS E PROBLEMAS ACTUAIS DE SAÚDE AMBIENTAL**

**Código de Curso** : 2 LSC/ 5

**Duração** : 40 horas

**Unidade** : 2

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de:

- Dominar os riscos sanitários ligados à água, ao saneamento, ao ar, às alterações climáticas e ao habitat
- Gerir os lixos resultantes dos cuidados de saúde
- Dominar a abordagem utilizada em saúde pública em relação com a saúde ambiental
- Dominar a abordagem de avaliação dos riscos
- Dominar os princípios gerais de gestão dos riscos

### **Objetivos operacionais :**

1. Identificar os riscos sanitários ligados à saúde ambiental
2. Identificar os processos de tratamento das águas
3. Identificar estações de evacuação de águas residuais e de resíduos sólidos
4. Explicar os desafios ambientais ligados à gestão dos lixos
5. Classificar os lixos
6. Explicar o sistema de recolha, transporte, triagem e reciclagem dos lixos
7. Descrever as diferentes etapas de gestão dos lixos
8. Explicar os riscos ligados às alterações climáticas
9. Explicar as etapas de avaliação dos riscos ligados à saúde
10. Planificar ações de prevenção
11. Fazer o seguimento das ações planificadas

### **Conteúdo :**

- ✓ Aspectos gerais sobre a saúde ambiental
- ✓ Riscos sanitários ligados à saúde ambiental
- ✓ Processos de tratamento das águas
- ✓ Estações de tratamento de águas residuais e de resíduos sólidos
- ✓ Desafios ambientais ligados à gestão dos lixos
- ✓ Classificação dos lixos
- ✓ Sistema de recolha, transporte, triagem e reciclagem dos lixos
- ✓ Etapas de gestão dos lixos
- ✓ Alterações climáticas

- ✓ Natureza das alterações climáticas
- ✓ Espaços verdes
- ✓ Aquecimento global
- ✓ Radiação ultra violeta
- ✓ Riscos para a saúde associados à camada de ozono
- ✓ Avaliação dos riscos causados pelo buraco na camada de ozono
- ✓ Tipos de ambiente
- ✓ Características dos diversos tipos de ambiente
- ✓ Componentes da saúde ambiental
- ✓ Inter-relações entre a saúde e o ambiente
- ✓ Classificação dos riscos em saúde ambiental
- ✓ Poluição atmosférica
- ✓ Poluição da água
- ✓ Poluição do solo



## **TÍTULO DO CURSO: PROMOÇÃO DA SAÚDE**

**Código de Curso** : 2 LSC/ 6

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em promoção da saúde.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de garantir atividades de promoção da saúde individual, da família e da comunidade.

### **Objetivos operacionais :**

1. Rever o historial da promoção da saúde
2. Definir a promoção da saúde
3. Explicar os diferentes eixos de intervenção para a promoção da saúde
4. Explicar as estratégias de promoção da saúde

### **Conteúdo :**

- ✓ Historial
- ✓ Definição
- ✓ Eixos de intervenção
- ✓ Estratégias

## **TÍTULO DO CURSO: ACIDENTES E URGÊNCIAS**

**Código de Curso** : 2LSC/7

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos em matéria de acidentes e urgências

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de apreender os elementos de prevenção dos acidentes e das urgências no limite das suas competências.

### **Objetivos operacionais :**

1. Explicar as circunstâncias da ocorrência de um acidente ou de uma urgência
2. Identificar as doenças e ferimentos
3. Definir as urgências cirúrgicas e médicas
4. Determinar os elementos de prevenção dos acidentes domésticos e na comunidade
5. Conhecer os elementos da prevenção rodoviária

### **Conteúdo :**

- ✓ Circunstâncias de ocorrência de um acidente ou de uma urgência
- ✓ Doenças e ferimentos
- ✓ Urgências cirúrgicas e médicas
- ✓ Prevenção dos acidentes domésticos e na comunidade
- ✓ Prevenção rodoviária

## **TÍTULO DO CURSO: IEC/CCC/ EDUCAÇÃO PARA A SAÚDE**

**Código de Curso** : 2 LS/ 8

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em IEC/CCC

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de garantir IEC/CCC.

### **Objetivos operacionais :**

1. Conhecer os princípios e a justificação da educação para a saúde
2. Identificar os diferentes meios de comunicação e de educação
3. Explicar os princípios gerais da comunicação
4. Identificar as atividades de promoção da saúde para retirar as necessidades da comunidade em matéria de saúde
5. Descrever o processo de planificação, de execução, de seguimento e de avaliação dos programas comunitários de educação sanitária
6. Implementar atividades de IEC/CCC

### **Conteúdo :**

- ✓ Princípios e justificação da educação para a saúde
- ✓ Meios de comunicação e de educação
- ✓ Princípios gerais de comunicação
- ✓ Atividades de promoção da saúde para retirar as necessidades da comunidade em matéria de saúde
- ✓ Processo de planificação, de execução, de seguimento e de avaliação dos programas comunitários de educação sanitária

## **TÍTULO DO CURSO: SAÚDE ESCOLAR**

**Código de Curso** : 2 LSC/ 9

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em saúde escolar.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de garantir as prestações de saúde escolar.

### **Objetivos operacionais :**

1. Definir o conceito de serviços de saúde escolar
2. Identificar as necessidades sanitárias do aluno
3. Gerir as condições globais de saúde entre os alunos
4. Identificar o processo de realização de exames médicos aos alunos
5. Organizar cuidados médicos que tenham em conta as necessidades dos alunos
6. Promover um bom ambiente escolar

### **Conteúdo :**

- ✓ Conceito de serviços de saúde escolar
- ✓ Necessidades sanitárias do aluno
- ✓ Gestão de condições globais de saúde entre os alunos
- ✓ Processo de realização de exames médicos aos alunos
- ✓ Organização de cuidados médicos que tenham em conta as necessidades dos alunos
- ✓ Promoção de um bom ambiente escolar

## **TÍTULO DO CURSO: ECONOMIA DA SAÚDE**

**Código de Curso** : 2 LSC /10

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos em economia da saúde.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de compreender os elementos básicos da economia da saúde.

### **Objetivos operacionais :**

1. Definir os conceitos gerais em economia da saúde
2. Explicar as abordagens da planificação financeira

### **Conteúdo :**

- ✓ Conceitos gerais em economia da saúde (aspetos financeiros, bens e serviços económicos, necessidades económicas, oportunidades e custos, penúria, procura e oferta)
- ✓ Abordagens da planificação financeira

## **TÍTULO DO CURSO: SISTEMA DE INFORMAÇÃO E DE GESTÃO DE DADOS**

**Código de Curso** : 2 LSC/ 11

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências no sistema de informação e de gestão de dados.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de dominar o sistema de informação e de gestão dos dados.

### **Objetivos operacionais :**

1. Definir os conceitos relativos ao sistema de informação sanitária
2. Descrever o processo de gestão de sistemas de informação
3. Conhecer os indicadores nacionais de saúde
4. Identificar os guias e outras formas de orientação, monitorização, supervisão e avaliação de cuidados primários de saúde
5. Descrever o sistema de informação de base comunitária
6. Identificar as fontes de informação em matéria de saúde
7. Explicar o mecanismo de recolha de dados
8. Identificar os suportes de recolha de dados
9. Analisar os dados
10. Tratar dos dados

### **Conteúdo :**

- ✓ Definições de conceitos e terminologias
- ✓ Processo de gestão de sistemas de informação
- ✓ Indicadores nacionais de saúde
- ✓ Guias e outras formas de orientação, monitorização, supervisão e avaliação de cuidados primários de saúde
- ✓ Sistema de informação de base comunitária
- ✓ Fontes de informação em matéria de saúde
- ✓ Mecanismo de recolha de dados
- ✓ Suportes de recolha de dados
- ✓ Análise e tratamento de dados

## **TÍTULO DO CURSO: DOENÇAS TRANSMISSÍVEIS E NÃO TRANSMISSÍVEIS**

**Código de Curso** : 2 LSC /12

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir conhecimentos sobre as doenças transmissíveis e não transmissíveis.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de conhecer as doenças transmissíveis e não transmissíveis.

### **Objetivos operacionais :**

1. Definir os conceitos de doenças transmissíveis e não transmissíveis
2. Descrever a etiologia, a epidemiologia, os fatores de predisposição, os sinais clínicos, os sintomas, o tratamento e as medidas preventivas das doenças transmissíveis e não transmissíveis
3. Explicar as normas e o controlo das doenças transmissíveis e não transmissíveis
4. Definir o conceito de imunidade e vacinação em relação às doenças transmissíveis e não transmissíveis
5. Identificar as doenças pandémicas
6. Identificar as medidas preventivas e a gestão das doenças transmissíveis e não transmissíveis
7. Descrever o processo de indicação de doenças pandémicas
8. Descrever o papel do indivíduo, da família, da comunidade, do governo e das instituições internacionais no combate às doenças não transmissíveis

### **Conteúdo :**

- ✓ **Doenças transmissíveis** : etiologia, epidemiologia, fatores de predisposição, sinais clínicos, sintomas, tratamento e medidas preventivas
- ✓ Normas e controlo das doenças transmissíveis
- ✓ Conceito de imunidade e vacinação em relação às doenças transmissíveis
- ✓ Identificação das doenças pandémicas
- ✓ Processo de indicação de doenças pandémicas
- ✓ **Doenças não transmissíveis:** etiologia, epidemiologia, fatores de predisposição, sinais clínicos, sintomas
- ✓ Gestão e medidas preventivas
- ✓ Papel do indivíduo, da família, da comunidade, do governo e das instituições internacionais no combate às doenças não transmissíveis

## **TÍTULO DO CURSO: SOCIOLOGIA MÉDICA**

**Código de Curso** :2 LSC/13

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos em sociologia médica.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de compreender a relação entre a sociologia e as ciências médicas e a aplicação desta ao sistema de cuidados de saúde.

### **Objetivos operacionais :**

1. Definir a natureza e a importância da sociologia da saúde
2. Definir os conceitos de saúde e de má saúde
3. Analisar as implicações sociais e culturais da má saúde
4. Identificar as causas das principais doenças tropicais
5. Justificar a reação da família/sociedade às doenças citadas
6. Reagrupar as doenças de riqueza e de pobreza
7. Explicar a relação entre as classes sociais e as doenças
8. Descrever o aspeto sociocultural do local da instituição de saúde
9. Descrever as características especiais das instituições de saúde
10. Avaliar o melhor método de cuidados de saúde tomando como referência os hospitais e os centros de saúde modernos
11. Analisar a relação saúde-doença, avaliar as relações entre os profissionais de saúde , identificar o papel da administração e dos profissionais de saúde

### **Conteúdo :**

- ✓ Natureza e importância da sociologia da saúde. Definir os conceitos de saúde e de má saúde Analisar as implicações sociais e culturais da má saúde, Causas das seguintes doenças tropicais: esquistossomíase, oncocercose, poliomielite, anemia, paludismo crónico, conjuntivite, hepatite, doenças cardiovasculares, diabete, hipertensão, doenças mentais, Justificação da reação da família/sociedade às doenças citadas no ponto anterior, Doenças de riqueza e doenças de pobreza (hipertensão, doenças cardiovasculares, diabetes, obesidade, AVC, tuberculose, doenças renais, etc), Relação entre as classes sociais e as doenças citadas no ponto anterior, Aspeto sociocultural do local da instituição de saúde. Descrever as características especiais das instituições de saúde, Melhores métodos de cuidados de saúde tomando como referência os hospitais e os centros de saúde modernos , relação saúde-doença, as relações entre os profissionais de saúde , Papel da administração e dos profissionais de saúde.



## **NÍVEL 200 SEGUNDO SEMESTRE**

### **TÍTULO DO CURSO: SAÚDE DA CRIANÇA**

**Código de Curso** : 2 LSC /14

**Duração** : 60 horas

**Unidade** : 3

#### **Objetivo :**

Adquirir competências no tratamento das doenças infantis.

#### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de tratar das doenças infantis.

#### **Objetivos operacionais :**

1. Prestar cuidados ao recém-nascido
2. Descrever o processo de crescimento e de nutrição das crianças de 0-5 anos
3. Avaliar o estado de saúde e de vacinação das crianças de 0-5 anos
4. Prestar cuidados integrados das doenças infantis
5. Definir as principais noções de direitos das crianças

#### **Conteúdo :**

- ✓ Cuidados ao recém-nascido
- ✓ Processo de crescimento e de nutrição das crianças de 0-5 anos
- ✓ Avaliação do estado de saúde e de vacinação das crianças de 0-5 anos
- ✓ Cuidados integrados das doenças infantis
- ✓ Noções de direitos das crianças

## **TÍTULO DO CURSO: SAÚDE REPRODUTIVA**

**Código de Curso** : 2 LSC/ 15

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir competências em saúde reprodutiva.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de garantir os cuidados de saúde reprodutiva.

### **Objetivos operacionais :**

1. Definir os conceitos de saúde reprodutiva, infertilidade, menopausa e andropausa
2. Descrever a anatomia e a fisiologia dos sistemas reprodutores do homem e da mulher
3. Explicar os métodos de planeamento familiar utilizados pelos jovens
4. Descrever o processo de gravidez da jovem e da adolescente
5. Dispensar cuidados pré-natais e pós-natais
6. Dispensar cuidados às mães e às crianças
7. Efetuar o tratamento do aborto e das suas complicações
8. Efetuar o tratamento das gravidezes de risco
9. Explicar o fenómeno de sexualidade e sua evolução no adolescente
10. Explicar os direitos ligados à saúde reprodutiva do adolescente
11. Explicar os princípios de trocas de experiência entre os jovens e os adolescentes
12. Tratar das IST/VIH-SIDA nos adolescentes

### **Conteúdo :**

- ✓ Conceitos de saúde reprodutiva, infertilidade, menopausa e andropausa
- ✓ Anatomia e a fisiologia dos sistemas reprodutores do homem e da mulher
- ✓ Planeamento familiar utilizados pelos jovens
- ✓ Processo de gravidez da jovem e da adolescente
- ✓ Cuidados pré-natais e pós-natais
- ✓ Cuidados às mães e às crianças
- ✓ Aborto e suas complicações
- ✓ Infertilidade, menopausa e andropausa
- ✓ Gravidezes de risco
- ✓ Sexualidade e sua evolução no adolescente
- ✓ Direitos ligados à saúde reprodutiva do adolescente
- ✓ Princípios das trocas entre os jovens e os adolescentes
- ✓ IST/VIH-SIDA

## **TÍTULO DO CURSO: PRINCÍPIOS E MÉTODOS DE EPIDEMIOLOGIA**

**Código de Curso** : 2 LSC/ 16

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em epidemiologia.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de dominar os princípios e métodos em epidemiologia.

### **Objetivos operacionais :**

1. Definir o conceito de epidemiologia
2. Identificar os métodos de transmissão de doenças
3. Identificar os instrumentos epidemiológicos
4. Investigar as epidemias
5. Descrever os métodos de avaliação e de controlo da doença
6. Planificar as intervenções
7. Implementar as intervenções
8. Efetuar a vigilância das doenças

### **Conteúdo :**

- ✓ Conceito de epidemiologia
- ✓ Métodos de transmissão de doenças
- ✓ Instrumentos epidemiológicos
- ✓ Investigação de epidemias
- ✓ Métodos de avaliação e de controlo da doença
- ✓ Planificação e implementação das intervenções
- ✓ Vigilância das doenças

## **TÍTULO DO CURSO: VIGILÂNCIA EPIDEMIOLÓGICA DAS DOENÇAS TRANSMISSÍVEIS**

**Código de Curso** : 2 LSC/ 17

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências na vigilância epidemiológica das doenças.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de garantir a vigilância epidemiológica das doenças.

### **Objetivos operacionais :**

1. Identificar as doenças de declaração obrigatória ao nível nacional e internacional
2. Descrever o procedimento de elaboração dos relatórios internacionais das doenças de declaração obrigatória
3. Dar resposta em caso de epidemia
4. Gerir as epidemias

### **Conteúdo :**

- ✓ Identificação das doenças de declaração obrigatória ao nível nacional e internacional
- ✓ Procedimento de elaboração dos relatórios internacionais das doenças de declaração obrigatória
- ✓ Resposta em caso de epidemia
- ✓ Gestão das epidemias

## **TÍTULO DO CURSO: IMUNOLOGIA, VACINAÇÃO E GESTÃO DA CADEIA DE FRIO**

**Código de Curso** : 2 LSC /18

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir competências em vacinação e gestão da cadeia de frio.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de garantir a gestão da vacinação e da cadeia de frio.

### **Objetivos operacionais :**

1. Definir os conceitos de imunologia e de imunidade inata e adquirida
2. Explicar o sistema antigene e anticorpos
3. Identificar os diferentes tipos de vacina, sua utilização e método de administração
4. Explicar o processo de aquisição de vacina: recolha, armazenamento e repartição de vacinas
5. Efetuar a manutenção do sistema da cadeia de frio
6. Organizar as campanhas de vacinação

### **Conteúdo :**

- Introdução à imunologia
- Imunidade inata e adquirida ;
- Sistema antigene e anticorpo :
  - ✓ Antigene e reação de anticorpos
  - ✓ Reação imunitária à infecção
  - ✓ Imunidade a partir da célula. Imunidade
  - ✓ Doenças infecciosas
  - ✓ Estado de hipersensibilidade
  - ✓ Aplicação profilática e terapêutica da imunidade
  - ✓ Auto-imunidade e doença humana
  - ✓ Imunologia de transplantação
  - ✓ Imunossupressão e estado de deficiência imunitária
- Tipos de vacina, sua utilização e método de administração
- Aquisição de vacinas: recolha, armazenamento e repartição de vacinas
- Manutenção do sistema da cadeia de frio
- Organização de campanhas de vacinação, retirada de vacinas

## **TÍTULO DO CURSO: TEXTOS LEGISLATIVOS E REGULAMENTARES**

**Código de Curso** : 2 LSC /19

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir conhecimentos em legislação.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de compreender os textos legislativos e regulamentares.

### **Objetivos operacionais :**

1. Explicar os fundamentos e o historial dos textos legislativos e regulamentares
2. Explicar as disposições dos textos legislativos e regulamentares
3. Explicar as estruturas responsáveis pela elaboração dos textos legislativos e regulamentares
4. Descrever os procedimentos de utilização dos textos legislativos e regulamentares
5. Aplicar os textos legislativos e regulamentares

### **Conteúdo :**

- ✓ Fundamentos e historial
- ✓ Disposições dos textos legislativos e regulamentares
- ✓ Procedimentos de utilização dos textos legislativos e regulamentares
- ✓ Demonstração prática dos procedimentos de gestão (antecedentes, análise, escolha apropriada dos elementos encontrados, ações correspondentes, prescrição de medicamentos, instruções para um seguimento, referência)

## **TÍTULO DO CURSO: CUIDADOS DE ORL**

**Código de Curso** : 2 LSC/20

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em cuidados de ORL.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de garantir cuidados de ORL.

### **Objetivos operacionais :**

1. Descrever a anatomia e a fisiologia dos ouvidos, nariz e garganta
2. Conhecer o equipamento básico para o diagnóstico e o tratamento dos ouvidos, nariz e garganta
3. Identificar as circunstâncias da ocorrência de doenças
4. Identificar os sinais clínicos das doenças
5. Tratar as doenças dos ouvidos, nariz e garganta
6. Identificar as complicações decorrentes das doenças dos ouvidos, nariz e garganta
7. Executar as práticas nocivas aos ouvidos, nariz e garganta

### **Conteúdo :**

- ✓ Anatomia e a fisiologia dos ouvidos, nariz e garganta
- ✓ Equipamento básico para o diagnóstico e o tratamento dos ouvidos, nariz e garganta
- ✓ Circunstâncias da ocorrência de doenças
- ✓ Sinais clínicos das doenças
- ✓ Tratamento das doenças dos ouvidos, nariz e garganta
- ✓ Complicações decorrentes das doenças dos ouvidos, nariz e garganta
- ✓ Práticas nocivas aos ouvidos, nariz e garganta

## **TÍTULO DO CURSO: ESTÁGIO DE PRÁTICA CLÍNICA I**

**Código de Curso** : 2 LSC/ 21

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo geral:**

Efetuar os cuidados primários de saúde.

### **Objetivos operacionais :**

Ver objetivos de estágio.

### **Conteúdo**

Durante este período, os estudantes deverão ser afetados num centro homologado de cuidados primários de saúde durante um período de seis a oito semanas. Ficarão sob a supervisão de um orientador que quotidianamente os submete a práticas clínicas. Os estudantes deverão, igualmente, todas as semanas preencher um diário rubricado pelos seus supervisores. Deverão, igualmente, redigir um relatório de estágio e fazer uma exposição no fim do período de estágio.



## **NÍVEL 300 PRIMEIRO SEMESTRE**

### **TÍTULO DO CURSO: INTRODUÇÃO À GESTÃO DOS MEDICAMENTOS BÁSICOS**

**Código de Curso** : 3.LSC/ 1

**Duração** : 40 horas

**Unidade** : 2

#### **Objetivo :**

Adquirir competências na gestão dos medicamentos básicos.

#### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de garantir a gestão dos medicamentos básicos.

#### **Objetivos operacionais :**

1. Definir os conceitos de biotransformação, distribuição, farmacogenética, farmacodinâmica, farmacocinética, e fundo de manejo
2. Descrever os princípios gerais da ação dos medicamentos e as relações dose-resposta
3. Explicar as interações recetores-drogas
4. Enumerar as vias de absorção dos medicamentos
5. Explicar os princípios da biodisponibilidade dos medicamentos
6. Explicar a política nacional de medicamentos
7. Gerir os medicamentos essenciais
8. Identificar o sistema de aprovisionamento de medicamentos
9. Conhecer a lista dos medicamentos essenciais

#### **Conteúdo :**

- ✓ Definição dos conceitos: biotransformação e distribuição
- ✓ Farmacogenética, farmacodinâmica, farmacocinética e fundo de manejo
- ✓ Princípios gerais da ação dos medicamentos, relações dose-resposta
- ✓ Interações recetor-drogas
- ✓ Apreensão de drogas
- ✓ Vias de absorção
- ✓ Princípios da biodisponibilidade dos medicamentos
- ✓ Política nacional de medicamentos
- ✓ Gestão de medicamentos essenciais
- ✓ Sistema de aprovisionamento de medicamentos
- ✓ Lista dos medicamentos essenciais

## **TÍTULO DO CURSO: GESTÃO DOS SERVIÇOS DE SAÚDE**

**Código de Curso** : 3 LSC/ 2

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em gestão dos serviços de saúde.

### **Objetivo geral :**

No fim deste curso o estudante deverá ser capaz de garantir a gestão dos serviços de saúde.

### **Objetivos operacionais :**

1. Definir o conceito de planificação
2. Explicar a importância da planificação
3. Identificar os diferentes tipos de planificação
4. Descrever as etapas da planificação
5. Explicar a política de planificação de saúde

### **Conteúdo :**

- ✓ Conceito de planificação
- ✓ Importância da planificação, tipos de planificação, etapas da planificação, evolução histórica da planificação formalizada da saúde
- ✓ Política de saúde, processo político

## **TÍTULO DO CURSO: COMPETÊNCIAS CLÍNICAS**

**Código de Curso** : 3 LSC/ 3

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir competências clínicas.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de dominar as técnicas de cuidados de saúde.

### **Objetivos operacionais :**

1. Princípios básicos da entrevista : acolhimento, interrogatório
2. Exame físico : monitorização dos sinais vitais e da tensão arterial

### **Conteúdo :**

- Princípios básicos da entrevista : acolhimento, interrogatório
- Exame físico : monitorização dos sinais vitais e da tensão arterial
- Técnicas de cuidados :
  - ✓ Preparação e administração da solução açúcar-sal e outras formas de líquidos
  - ✓ Princípios e procedimentos das técnicas assépticas em processo clínico
  - ✓ Curativo de feridas
  - ✓ Administração de medicamentos
  - ✓ Colheita de amostras de urina
  - ✓ Procedimento de análises de urina
  - ✓ Teste de hemoglobina utilizando procedimentos e instrumentos apropriados
  - ✓ Banho bucal
  - ✓ Teste de acuidade visual
  - ✓ Auto-exame dos seios
  - ✓ Avaliação do estado nutricional da criança, por exemplo, peso, altura, perímetro branquial
  - ✓ Circuncisão
  - ✓ Evolução da desidratação
  - ✓ Sondagem
  - ✓ Episiotomia
  - ✓ Sutura de feridas
  - ✓ Perfusão

**TÍTULO DO CURSO: CONTROLO DAS DOENÇAS TRANSMISSÍVEIS E NÃO TRANSMISSÍVEIS E DAS DOENÇAS CRÓNICAS**

**Código de Curso** : 3 LSC/ 4

**Duração** : 40 horas

**Unidade** : 2

**Objetivo :**

Adquirir conhecimentos em controlo de doenças transmissíveis, não transmissíveis e crónicas.

**Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de conhecer os elementos de controlo das doenças transmissíveis, não transmissíveis e crónicas.

**Objetivos operacionais :**

1. Descrever as etapas de vigilância epidemiológica
2. Explicar as abordagens de síndrome
3. Conhecer os elementos de tratamento das doenças emergentes: diabetes, hipertensão, etc

**Conteúdo :**

- ✓ Vigilância epidemiológica
- ✓ Abordagens de síndrome
- ✓ Tratamento das doenças emergentes: diabetes, hipertensão, etc

## **TÍTULO DO CURSO: INTRODUÇÃO ÀS LEIS DE SAÚDE PÚBLICA**

**Código de Curso** : 3 LSC/5

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir conhecimentos relativos às leis da saúde pública.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de apreender as leis de saúde pública.

### **Objetivos operacionais :**

1. Definir os conceitos relativos às leis de saúde pública
2. Identificar as diferentes fontes de leis de saúde pública
3. Conhecer os direitos dos doentes
4. Explicar as legislações médicas e o processo de votação das leis de saúde pública
5. Identificar as instituições de reforço das leis médicas, etc

### **Conteúdo :**

- ✓ Conceitos relativos às leis de saúde pública
- ✓ Fontes de leis de saúde pública
- ✓ Direitos dos doentes
- ✓ Legislações médicas e processo de votação de leis de saúde pública
- ✓ Instituições de reforço das leis médicas, etc

## **TÍTULO DO CURSO: GERIATRIA E GERONTOLOGIA**

**Código de Curso** : 3 LSC/ 6

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em geriatria e gerontologia.

### **Objetivos gerais:**

No fim deste curso o estudante deverá ser capaz de garantir o tratamento dos problemas de saúde e geriatria.

### **Objetivos operacionais :**

1. Definir os conceitos de geriatria e de gerontologia
2. Explicar a fisiologia e os problemas correntes relacionados com o envelhecimento e sua gestão
3. Efetuar os cuidados geriátricos disponíveis aos idosos
4. Gerir os recursos disponíveis aos idosos

### **Conteúdo :**

- ✓ Conceitos de geriatria e de gerontologia
- ✓ Fisiologia e problemas correntes relacionados com o envelhecimento e sua gestão
- ✓ Cuidados geriátricos disponíveis aos idosos
- ✓ Recursos disponíveis aos idosos

## **TÍTULO DO CURSO: SEGUIMENTO/AVALIAÇÃO DE PROGRAMAS**

**Código de Curso** : 3 LSC/ 7

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir competências em seguimento/avaliação de programas.

### **Objetivo geral:**

- Garantir as atividades de seguimento/avaliação.

### **Objetivos operacionais :**

1. Definir os conceitos de seguimento e avaliação
2. Identificar os tipos de seguimento e de avaliação
3. Definir os indicadores de seguimento e de avaliação
4. Descrever as etapas de seguimento/avaliação
5. Elaborar um plano de seguimento/avaliação

### **Conteúdo :**

- ✓ Definição do seguimento e avaliação
- ✓ Tipos de seguimento e de avaliação
- ✓ Indicadores de seguimento e de avaliação
- ✓ Etapas de seguimento/avaliação
- ✓ Plano de seguimento/avaliação

## **TÍTULO DO CURSO: METODOLOGIA DE INVESTIGAÇÃO**

**Código de Curso** : 3 LSC/ 8

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo :**

Adquirir competências em metodologia de investigação.

### **Objetivo geral:**

- Garantir atividades de investigação.

### **Objetivos operacionais :**

1. Explicar o significado, a natureza e a utilização da investigação em saúde
2. Descrever o processo de investigação em saúde
3. Identificar os métodos e as técnicas de recolha de dados
4. Apresentar os dados de investigação
5. Elaborar um projeto de investigação
6. Redigir um relatório de investigação
7. Realizar trabalhos de investigação

### **Conteúdo :**

- ✓ Aspectos gerais sobre a investigação em saúde: o significado da natureza e a utilização da investigação em saúde
- ✓ Processo de investigação em saúde
- ✓ Métodos e técnicas de recolha de dados
- ✓ Análise de dados
- ✓ Apresentação dos resultados da investigação
- ✓ Projeto de investigação e redação do relatório



## **TÍTULO DO CURSO: ESTÁGIO DE PRÁTICA CLÍNICA**

**Código de Curso** : 3 LSC/ 9

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências clínicas.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de dominar as tarefas clínicas.

### **Objetivos operacionais :**

- Definir o estágio de prática clínica
- Efetuar todas as tarefas clínicas de rotina de um centro de saúde primário
- Manter um diário
- Redigir um relatório de fim de estágio
- Apresentar um relatório perante uma equipa de avaliação

### **Conteúdo :**

- Definição do estágio de prática clínica
- Tarefas clínicas de rotina de um centro de saúde primário
- Manutenção de um diário
- Redação de um relatório de fim de estágio
- Apresentação de um relatório perante uma equipa de avaliação

## **NÍVEL 300 SEGUNDO SEMESTRE**

### **TÍTULO DO CURSO: CUIDADOS DE SAÚDE AOS PORTADORES DE DEFICIÊNCIA**

**Código de Curso** : 3 LSC /10

**Duração** : 40 horas

**Unidade** : 2

#### **Objetivo :**

Adquirir competências em cuidados de saúde aos portadores de deficiência

#### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de dominar ações em prol dos portadores de deficiência.

#### **Objetivos operacionais :**

1. Definir o conceito de deficiência
2. Identificar as deficiências mais correntes
3. Identificar as causas e os tipos de deficiências
4. Aplicar as medidas preventivas e de reabilitação disponíveis na comunidade
5. Conhecer as doenças correntes que provocam deficiências
6. Identificar as causas comuns das doenças que provocam deficiências
7. Classificar as doenças que provocam deficiências segundo as normas da OMS
8. Aplicar medidas preventivas contra as doenças que provocam deficiências
9. Identificar as facilidades e os recursos disponíveis para a reabilitação dos deficientes

#### **Conteúdo :**

- ✓ Definição do conceito de deficiência
- ✓ Deficiências mais correntes
- ✓ Causas e tipos de deficiências
- ✓ Medidas preventivas e de reabilitação disponíveis na comunidade
- ✓ Doenças correntes que provocam deficiências
- ✓ Causas comuns das doenças que provocam deficiências
- ✓ Classificação das doenças que provocam deficiências segundo as normas da OMS
- ✓ Medidas preventivas contra as doenças que provocam deficiências
- ✓ Facilidades e recursos disponíveis para a reabilitação dos deficientes

## **TÍTULO DO CURSO: VOLUNTARIADO E SERVIÇOS MÓVEIS DE SAÚDE**

**Código de Curso** : 3 LSC /11

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo :**

Adquirir competências em matéria de voluntariado e serviços móveis de saúde.

### **Objetivo geral:**

- Assegurar as atividades de voluntariado e de serviços móveis de saúde.

### **Objetivos operacionais :**

1. Definir o conceito de voluntariado
2. Explicar a importância dos serviços de voluntariado
3. Identificar os diferentes tipos de prestações no quadro do voluntariado
4. Descrever o processo em curso no quadro do voluntariado
5. Planificar ações de voluntariado
6. Implementar as ações planificadas
7. Seguir/avaliar as ações de voluntariado

### **Conteúdo :**

- ✓ Definição de voluntariado
- ✓ Importância dos serviços de voluntariado
- ✓ Tipos de prestações no quadro do voluntariado
- ✓ Processo em curso no quadro do voluntariado
- ✓ Planificação, implementação e seguimento/avaliação das ações de voluntariado

## **TÍTULO DO CURSO: EXPERIÊNCIA COMUNITÁRIA SUPERVISIONADA**

**Código de Curso** : 3 LSC /12

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo**

Adquirir competências em experiência comunitária supervisionada

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de garantir as atividades relacionadas com a experiência comunitária supervisionada.

### **Objetivos operacionais :**

1. Diagnosticar os problemas de saúde da comunidade
2. Estabelecer o mapa da comunidade
3. Conhecer os meios de mobilização dos membros da comunidade para ações em matéria de saúde
4. Garantir a vacinação na comunidade segundo os procedimentos em vigor
5. Organizar debates na comunidade em relação aos problemas de saúde existentes
6. Efetuar a educação da comunidade em relação ao abastecimento de água potável e ao saneamento básico

### **Conteúdo :**

- ✓ Identificação dos problemas de saúde da comunidade
- ✓ Estabelecimento do mapa da comunidade
- ✓ Meios de mobilização dos membros da comunidade para ações em matéria de saúde
- ✓ Vacinação na comunidade segundo os procedimentos em vigor
- ✓ Debates na comunidade em relação aos problemas de saúde existentes
- ✓ Educação da comunidade em relação ao abastecimento de água potável e ao saneamento básico

## **TÍTULO DO CURSO: SEMINÁRIO**

**Código de Curso** : 3 LSC/ 13

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo**

Adquirir conhecimentos básicos relativos à saúde comunitária através do seminário.

### **Objetivo geral:**

- Aprender todos os conhecimentos relativos à saúde comunitária.

### **Objetivos operacionais :**

- Conhecer as soluções e as tendências em cuidados de saúde comunitária através de seminários, debates e apresentações articuladas

### **Conteúdo :**

- ✓ Soluções e tendências de cuidados de saúde comunitária
- ✓ Conceitos e teorias de saúde comunitária

## **TÍTULO DO CURSO: COMPETÊNCIAS EMPRESARIAIS**

**Código de Curso** : 3 LSC /14

**Duração** : 40 horas

**Unidade** : 2

**Objetivo** : este curso permite ao estudante adquirir competências empresariais.

### **Objetivo geral:**

- Dominar as competências empresariais.

### **Objetivos operacionais :**

Aplicar as competências empresariais pertinentes.

### **Conteúdo:**

- Competências empresariais pertinentes:
  - ✓ Reconhecimento das oportunidades
  - ✓ Produção de ideias/criatividade
  - ✓ Assunção de riscos
  - ✓ Pensamento crítico
  - ✓ Análise de novas iniciativas
  - ✓ Finanças empresariais
  - ✓ Empresa familiar, propriedade
  - ✓ Gestão da riqueza
  - ✓ Fundos próprios
  - ✓ Eficácia organizacional
  - ✓ Fusões e aquisições
  - ✓ Conceção organizacional
  - ✓ Gestão de vendas
  - ✓ Comportamento dos consumidores
  - ✓ Investigação e estratégia de marketing.

## **TÍTULO DO CURSO: SAÚDE BUCO-DENTÁRIA**

**Código de Curso** : 3 LSC/ 15

**Duração** : 40 horas

**Unidade** : 2

### **Objetivo**

Adquirir competências básicas em cuidados buco-dentários.

### **Objetivo geral**

- Garantir cuidados buco-dentários.

### **Objetivos operacionais :**

1. Descrever a anatomia e a fisiologia da cavidade bucal
2. Identificar as doenças buco-dentárias mais correntes
3. Identificar os fatores que favorecem as doenças buco-dentárias
4. Determinar as medidas preventivas das doenças buco-dentárias mais correntes
5. Efetuar o tratamento das doenças buco-dentárias mais correntes
6. Utilizar os métodos de mobilização da comunidade para promover hábitos positivos de saúde

### **Conteúdo :**

- ✓ Anatomia e fisiologia da cavidade bucal
- ✓ Doenças buco-dentárias mais correntes
- ✓ Fatores que favorecem as doenças buco-dentárias
- ✓ Medidas preventivas das doenças buco-dentárias mais correntes
- ✓ Tratamento das doenças buco-dentárias mais correntes
- ✓ Métodos de mobilização da comunidade para promover hábitos positivos de saúde

## **TÍTULO DO CURSO: FORMAÇÃO CONTÍNUA DO PESSOAL**

**Código de Curso** : 3 LSC/ 16

**Duração** : 20 horas

**Unidade** : 1

### **Objetivo**

Adquirir competências em formação contínua do pessoal.

### **Objetivo geral:**

- Dominar o processo de formação contínua do pessoal.

### **Objetivos operacionais :**

1. Definir o conceito de formação contínua
2. Citar as razões que justificam a formação contínua do pessoal de saúde
3. Explicar as áreas que necessitam de formação contínua em cuidados primários de saúde
4. Identificar os métodos de verificação das necessidades de formação de pessoal
5. Escolher o pessoal a ser formado
6. Explicar os tipos de métodos de formação: pedagogia e andragogia
7. Identificar os meios de formação
8. Elaborar um programa de formação
9. Elaborar um calendário de sessão de formação contínua
10. Formar o pessoal numa área identificada de cuidados primários de saúde
11. Avaliar a formação
12. Fazer um feedback ao pessoal e ao empregador

### **Conteúdo :**

- ✓ Definição do conceito de formação contínua
- ✓ Razões que justificam a formação contínua do pessoal de saúde
- ✓ Áreas que necessitam de formação contínua em cuidados primários de saúde
- ✓ Métodos de verificação das necessidades de formação do pessoal
- ✓ Critérios de escolha do pessoal a ser formado
- ✓ Tipos de métodos de formação: pedagogia e andragogia
- ✓ Meios de formação
- ✓ Programa de formação
- ✓ Calendário de sessão de formação contínua
- ✓ Animação da formação
- ✓ Avaliação da formação
- ✓ Feedback depois da formação



## **TÍTULO DO CURSO: PROJETO DE INVESTIGAÇÃO**

**Código de Curso** : 3 LSC/ 17

**Duração** : 60 horas

**Unidade** : 3

### **Objetivo**

Adquirir competências em redação de projetos de investigação.

### **Objetivo geral:**

No fim deste curso o estudante deverá ser capaz de dominar o processo de redação de um projeto de investigação.

### **Objetivos operacionais:**

1. Formular o problema
2. Descrever a metodologia
3. Elaborar o orçamento
4. Redigir o projeto

### **Conteúdo :**

- ✓ Formulação do problema
- ✓ Metodologia
- ✓ Orçamento de investigação
- ✓ Redação do projeto

## **RECOMENDAÇÕES SOBRE A SUPERVISÃO DE PROGRAMAS DE EXPERIÊNCIA CLÍNICA E COMUNITÁRIA**

Com o objetivo de fazer a supervisão efetiva e uniformizada do estágio clínico e do estágio na comunidade, os estudantes devem receber uma caderneta de estágio e os professores um guia de supervisão.

- As instituições de formação devem certificar-se de que os estudantes são afetados nas zonas/serviços de saúde onde poderão aplicar os conhecimentos aprendidos, e os supervisores designados só devem assinar as suas cadernetas de estágio depois da execução da tarefa exigida.
- A caderneta de estágio dos estudantes deve ser fornecida pelas instituições responsáveis pela formação.
- A avaliação final do estudante durante o estágio deve ser baseada no relatório do supervisor designado na zona de estágio/serviço de saúde e deve ser feita de forma objetiva.
- A avaliação deve ter em conta a pontualidade, a regularidade, a atitude geral no trabalho, o respeito da autoridade, o interesse atribuído à clínica/zona de estágio e a competência técnica.
- A instituição de formação deve guardar a caderneta de estágio do estudante depois da formação.
- Os supervisores designados pela instituição de formação devem subscrever as cadernetas de estágio dos estudantes em cada visita de terreno a fim de poderem determinar o nível de realização dos objetivos e assisti-los na resolução de eventuais problemas.
- Os supervisores designados pelas instituições de formação devem visitar os estudantes três vezes durante o seu estágio num intervalo de quatro semanas, sendo a última visita durante a última semana do estágio.

**PROGRAMA HARMONIZADO DE FORMAÇÃO  
DE TÉCNICOS DE SAÚDE COMUNITÁRIA  
DO ESPAÇO CEDEAO**

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## **INTRODUÇÃO**

Este curriculum de formação harmonizado visa desenvolver as competências necessárias dos técnicos em saúde comunitária para dispensar cuidados de qualidade às populações dos diferentes países do espaço CEDEAO. São cuidados preventivos, promocionais, curativos e de reabilitação, tanto para os indivíduos e as famílias como para as comunidades.

Os métodos de ensino privilegiados são os ativos, centrados no estudante, que exigem meios modernos e adequados de apoio à formação. As atividades pedagógicas são os cursos teóricos, os trabalhos dirigidos e os trabalhos práticos em laboratório.

Para completar as suas aquisições teóricas e prepará-los para a multiplicidade e/ou complexidade de situações profissionais e permitir, sobretudo, aprendizagens que não se podem realizar num contexto exclusivamente académico, a formação destes futuros profissionais implica absolutamente o contacto com a realidade do terreno. Igualmente, os estágios organizados em meio de cuidados e nas comunidades durante a formação, constituem uma resposta a este imperativo porque continuam a ser verdadeiros momentos de profissionalização.

O presente curriculum de formação articula-se em torno de informações chave como as condições de admissão à formação, o exame de entrada, a duração da formação, o título profissional conferido, a denominação do diploma, as qualidades necessárias para ser técnico de saúde comunitária, a qualificação dos formadores, o período de exames e de férias bem como o orçamento da formação.

## **CONDIÇÕES DE ADMISSÃO**

Para aceder á formação de técnico de saúde comunitária, é preciso:

- ❖ Ser titular do diploma de fim de primeiro ciclo do segundo grau, ou equivalente, para o concurso direto;
- ❖ Ser titular do diploma de agente itinerante de saúde e de higiene comunitária, agente de higiene e de saneamento, enfermeiro certificado, agente sanitário, auxiliar de saúde ou de qualquer outro diploma de nível equivalente, para o concurso profissional;
- ❖ Ter pelo menos três anos de experiência profissional;
- ❖ Passar:
  - No concurso direto
  - No concurso profissional
  - No teste para os candidatos inscritos a título privado
- ❖ Ser escolhido no estudo de processo para os candidatos de outras nacionalidades.

## **EXAMES DE ENTRADA E DE CERTIFICAÇÃO**

Os exames de entrada e de certificação são exames nacionais organizados anualmente por decreto ministerial. Para isso, será criado um comité de organização composto por representantes das escolas/institutos e representantes de outros ministérios envolvidos.

### **DURAÇÃO DA FORMAÇÃO**

A duração da formação de técnico de saúde comunitária é de dois (2) anos, ou seja quatro (4) semestres.

### **DENOMINAÇÃO DO DIPLOMA**

O diploma obtido no fim do curso escolar é denominado Diploma de Técnico de Saúde Comunitária.

### **QUALIDADES NECESSÁRIAS PARA SER TÉCNICO DE SAÚDE COMUNITÁRIA**

As qualidades seguintes são necessárias para ser técnico de saúde comunitária:

1. Ter aptidão física e mental ;
2. Ter as qualidades de um bom gestor ;
3. Ser capaz de trabalhar em equipa ;
4. Ser autónomo no seu trabalho ;
5. Ter espírito de equipa;
6. Ter espírito de colaboração com os parceiros administrativos, sociais e a comunidade.
7. Ter sentido de responsabilidade
8. Ter vontade e ser empenhado para trabalhar ao nível da comunidade.

### **QUALIFICAÇÃO DOS FORMADORES**

Os formadores devem ter um dos diplomas seguintes :

- ❖ Diploma de técnico superior
- ❖ Licenciatura
- ❖ Mestrado
- ❖ Doutoramento.

### **PERÍODO DE EXAME E DE FÉRIAS**

Os períodos de exames e de férias são fixados da seguinte forma:

- ❖ Exames de passagem e de certificação: a partir de fins de Junho até fins de Julho
- ❖ Férias : Agosto e Setembro

### **PERÍODO DE ESTÁGIOS**

Os estágios decorrem segundo as modalidades seguintes :

- ❖ **1º ano**
  - Dois (2) meses no fim do ensino dos cursos teóricos e práticos
- ❖ **2º ano**
  - Três (3) meses, a partir de Fevereiro
- ❖ **Áreas de estágio**
  - 1º ano: procedimentos de cuidados e diagnóstico comunitário ;
  - 2º ano: intervenções em saúde comunitária e gestão dos serviços de saúde comunitária.

## **DESCRIÇÃO DO PERFIL DE COMPETÊNCIA DO TÉCNICO DE SAÚDE COMUNITÁRIA**

O Técnico de Saúde Comunitária (TSC) deve ser o chefe de todos os agentes de saúde comunitária (ASC) que trabalham na comunidade. Passará 70% do seu tempo de trabalho na comunidade e 30% na formação sanitária. O TSC deve ser formado para garantir funções de prevenção, de promoção, curativas, administrativas, de formação e de investigação.

### **A. Tarefas ligadas às funções preventiva e promocional**

- ❖ Explicar à comunidade a abordagem dos cuidados primários de saúde;
- ❖ Explicar à comunidade o seu papel profissional como membro da equipa de saúde;
- ❖ Familiarizar-se com os recursos da comunidade ;
- ❖ Fazer um diagnóstico de saúde comunitária;
- ❖ Fazer a despistagem e dar conselhos apropriados;
- ❖ Fazer a mobilização social ;
- ❖ Participar na criação de comités de saúde na aldeia ;
- ❖ Garantir o funcionamento efetivo dos comités de saúde:
  - Participar no recenseamento e na atualização dos alvos de intervenções ;
  - Garantir a atualização dos registos de recenseamento e das cadernetas de saúde dos alvos de intervenções;
  - Participar na oferta de serviços de vacinação ;
  - Iniciar e apoiar os esforços dos agentes comunitários da saúde para a educação em matéria de saúde;
  - Participar na educação em matéria de saúde;
  - Promover a participação comunitária ;
  - Promover a colaboração com o pessoal administrativo descentralizado, as coletividades locais e outros sectores que não a saúde, e que intervêm na comunidade;
  - Estabelecer parcerias com as organizações da sociedade civil, as organizações não-governamentais e os parceiros técnicos e financeiros que intervêm no desenvolvimento dos serviços de saúde de base comunitária;
  - Explicar à comunidade os problemas ligados ao género/saúde reprodutiva.

### **B. As tarefas ligadas à função curativa**

Ao nível da sua formação sanitária, o técnico de saúde comunitária deve dispensar cuidados de saúde no limite das suas competências, sob a responsabilidade do chefe do serviço da formação sanitária:

- ❖ Avaliar o estado de saúde do paciente ;
- ❖ Tratar do paciente segundo um plano de intervenção elaborado ;
- ❖ Informar corretamente as mães sobre o estado de saúde dos seu filhos;
- ❖ Dispensar cuidados curativos antes, durante e depois do parto;
- ❖ Oferecer serviços de planeamento familiar ;
- ❖ Oferecer serviços adaptados aos adolescentes e aos jovens ;
- ❖ Tratar dos doentes transferidos pelas ASC e outras estruturas sanitárias em conformidade com os textos legislativos e regulamentares que regem a profissão de técnico de saúde comunitária.

### **C. Tarefas ligadas à função administrativa**

- ❖ Planificar as atividades de saúde comunitária em colaboração com os outros membros da equipa e com a comunidade;
- ❖ Executar as atividades planificadas em colaboração com os outros membros da equipa e com a comunidade;
- ❖ Mobilizar recursos para resolver os problemas de saúde em colaboração com a comunidade;
- ❖ Seguir e avaliar as atividades implementadas em colaboração com os outros membros da equipa e com a comunidade;
- ❖ Conservar os processos dos doentes;
- ❖ Participar na planificação, na execução e na avaliação dos programas implementados pelas organizações de base comunitária, os agentes de sectores que não a saúde e por outros membros da equipa de saúde;
- ❖ Participar nas reuniões dos comités locais;
- ❖ Participar na elaboração, na execução e na coordenação das actividades dos programas prioritários de saúde;
- ❖ Elaborar um plano de trabalho com a equipa de saúde, os parceiros de desenvolvimento e a comunidade;
- ❖ Participar na gestão dos serviços de saúde;
- ❖ Participar na gestão dos medicamentos essenciais;
- ❖ Fazer a supervisão dos agentes de saúde comunitária;
- ❖ Elaborar um calendário de trabalho para os agentes de saúde comunitária;
- ❖ Participar na gestão do sistema de informação sanitária;
- ❖ Organizar reuniões regulares com as organizações de base comunitária;
- ❖ Participar na gestão da logística e da cadeia de frio.

### **D. Tarefas ligadas à função de formação e de investigação**

- ❖ Participar na planificação, na execução e na avaliação dos estágios dos estudantes e alunos dos estabelecimentos de saúde e de serviços sociais ;
- ❖ Participar na identificação das necessidades de formação dos membros da equipa de saúde, dos agentes de saúde comunitária e dos agentes promotores da saúde;
- ❖ Participar na planificação, na execução e na avaliação das atividades de formação;
- ❖ Garantir a formação dos membros do comité de saúde ;
- ❖ Participar nas atividades de investigação em saúde comunitária ;
- ❖ Utilizar as boas práticas e os resultados de investigação para melhorar a sua prática profissional.



**QUADRO****PRIMEIRO ANO - PRIMEIRO SEMESTRE**

Código	Noções/Curso	Carga Horária			Unidades/ créditos <sup>3</sup>
		Teoria (h)	Trabalhos práticos/Trab alhos dirigidos (h)	Estágio (h)	
1TSC1	Introdução à saúde comunitária	20			1
1TSC/2	Anatomia e fisiologia I	20			1
1TSC/3	Ética/deontologia profissional	20			1
1TSC/4	Introdução à epidemiologia	20			1
1TSC/5	Cuidados primários de saúde e promoção da saúde	30			1,5
1TSC/6	Legislação e regulamentação	20			1
1TSC/7	Introdução à informática	10	20 (TD)		1,5
1TSC/8	Direito administrativo	20			1
1TSC/9	Procedimento de cuidados I	40	20		3
1TSC/10	Introdução à psicologia	20			1
1TSC/11	Introdução à sociologia da saúde	20			1
1TSC/12	Documentação	10	10		1
1TSC/13	Inglês I	40			2
1TSC/S	Estágios <sup>4</sup>			180H	4
<b>Total</b>		<b>290 h</b>	<b>50H</b>		<b>17</b>

<sup>3</sup> Unidade de cursos teóricos (TD e TP) ou um crédito = 20 horas

<sup>4</sup> Uma unidade de estágio = 45 horas

**QUADRO  
PRIMEIRO ANO - SEGUNDO SEMESTRE**

Código	Noções/Curso	Carga Horária			Unidade s/ <sup>5</sup> crédito
		<i>Teoria (h)</i>	<i>Trabalhos práticos/Tr abalhos dirigidos (h)</i>	<i>Estágio (h)</i>	
1TSC16	Doenças transmissíveis	40			2
1TSC17	Nutrição	40			2
1TSC18	Saúde reprodutiva	40	20		3
1TSC19	Gestão dos lixos hospitalares e sanitários	40			2
1TSC20	Demografia	20			
1TSC21	Informação Educação Comunicação/Comunicação para mudança de comportamento (IEC/CCC)	30	30		3
1TSC2	Anatomia e fisiologia II	20			1
1TSC22	Diagnóstico de saúde comunitária	30	10		2
1TSC23	Saúde ambiental	20			1
1TSC24	Acidentes e urgências	40			2
1TSC25	Imunologia e vacinação	40			2
1TSC26	Saúde buco-dentária	20			1
1TSC27	Procedimentos de cuidados II	60			3
1TSC15	Inglês II	20			1
	Estágios			180	4
<b>Total</b>		<b>420 h</b>			<b>25</b>

<sup>5</sup>unidade de cursos teóricos (TD e TP) ou um crédito = 20 horas

**QUADRO**  
**SEGUNDO ANO - PRIMEIRO SEMESTRE**

Código	Noções/Curso	Carga Horária			Unidades /créditos
		Teoria (h)	Trabalhos práticos/Trabalhos dirigidos (h)	Estágio (h)	
2TSC /1	Doenças não transmissíveis e crônicas	40			2
2TSC /2	Estatísticas sanitárias	20			1
2TSC /3	Saúde infantil	60			3
2TSC /4	Metodologia da investigação	40			2
2TSC /5	Saúde mental	20			1
2TSC /6	Sistema de informação sanitária	20			1
2TSC /7	Cuidados de enfermagem em ORL	20			1
2TSC /8	Cuidados de enfermagem em oftalmologia	20			1
2TSC /9	Experiência clínica controlada		60		3
2TSC /10	Saúde escolar	20			1
2TSC /11	Saúde e segurança no trabalho	40			2
2TSC /12	Introdução à microbiologia	20			1
2TSC /13	Introdução à farmacologia	20			1
2TSC /14	Técnicas de laboratório	20			1
2TSC /15	Alterações climáticas e problemas de saúde atuais	20			1
	<b>Total</b>	<b>380 H</b>	<b>60H</b>		<b>22H</b>

**SEGUNDO ANO - SEGUNDO SEMESTRE**

Código	Noções/Cursos	Carga Horária/ duração			Unidades
		Teoria (h)	Prática (h)	Estágio (h)	
2TSC /16	Saúde dos idosos	20			1
2TSC /17	Saúde dos portadores de deficiência	20			1
2TSC /18	Formação do pessoal	20			1
2TSC /19	Gestão dos recursos financeiros	20			1
2TSC /20	Sistemas de transferência/contratransferência e voluntariado	20			1
2TSC /21	Iniciação à investigação	20			1
2TSC /22	Competências empresariais	20			1
2TSC /23	Sistema de aprovisionamento em medicamentos essenciais	20			1
2TSC /24	Abordagem de resolução de problemas	60			3
2TSC /25	Saúde dos jovens e dos adolescentes	60			3
2TSC /26	Participação comunitária	40			2
2TSC /27	Economia da saúde	20			1
<b>TOTAL</b>		<b>340 h</b>			<b>17</b>