

**DOMAIN: HEALTH**

**SECTOR: MEDICO-SANITARY STUDIES**

**SPECIALTY: PHYSIOTHERAPY**

**1. OBJECTIVE OF TRAINING**

The objective of the training is to give the student knowledge to ensure the rehabilitation of people suffering from physical paralysis, respiratory problems or rheumatism and trauma.

**2. RESEARCH SKILLS**

**❖ Generic skills**

- Be responsible, reflexive and relational ;
- Have adequate gestures and capacities ;
- Develop adequate interpersonal and intrapersonal skills to be able to interact effectively with their patients, entourage and the health team ;
- Should be trustworthy and reliable ;
- Have the capacity for critical thinking, analysis and questioning ;
- Develop ethical values of a normal professional ;
- Make thoughtful and informed decisions ;
- Be able to act with autonomy and responsibility in his area of competence ;
- Master the computer tool and ICT.

**❖ Specific skills**

- Perform manual or instrumental actions of rehabilitation, which aim to prevent the alteration of functional abilities, to contribute to their maintenance and, when they are altered, to restore or to supplement ;
- Adapt to the evolution of science and technology ;
- Know the laws of mechanics applicable to the human being ;
- Master health policy and evolution as well as the issues of the sectoral health strategy in Cameroon and health legislation ;
- Perform physiotherapy techniques, taking into account the psychological, social, economic and cultural characteristics of each patient's personality ;
- Communicate to other health team any information likely to be useful for the establishment of the medical diagnosis or the adaptation of the treatment according to the state of health of the person and its evolution ;
- Be able to perform sport related physiotherapy techniques.

**3. OPPORTUNITIES**

- Public function ;
- Hospitals and private clinics ;
- NGO (Non Governmental Organisations) ;
- Self-employment ;
- Sport and physical education ;
- Occupational Medicine.

#### 4. DURATION OF TRAINING

For a period of three years, a set of theoretical and practical courses is administered to students with a view to obtaining a Higher National Diploma (HND) sanctioned by MINESUP.

#### 5. ADMISSION CONDITION

##### Direct registration on file study :

- A hand written application addressed to the Director of SHS ;
- A complete registration form (available on campus) ;
- 01 disciplinary commitment form to be withdrawn from the establishment ;
- A photocopy of birth certificate ;
- A photocopy of A/L certificate ;
- Annual medical coverage : 5,000 FCFA ;
- Registration fees : 35,000 FCFA ;
- File study fees : Free of charge.

#### 6. PEDAGOGICAL APPROACH

- Lectures ;
- Practical work and personal work ;
- Immersion courses in the professions accompanied by a teaching body and company executives.

#### 7. EVALUATION TECHNIQUES

- Continuous assignment for each course ;
- An exam session written and practical at the end of every semester ;
- Writing a research initiation thesis defended before a jury at the end of the program ;
- National HND exam.

#### 8. ORGANISATION OF TEACHINGS

##### SEMESTER 1

Code	Courses Titles	Number of credits
PHY111	Cell Biology - Histology – Anatomy Physiology I	7
PHY112	Neurophysiology - Physiology – General Chemistry	2
PHY113	Psychology - Sociology - General anthropology - History of the Physiotherapy	4
PHY114	General methodology of the physiotherapy and rehabilitation I	5
PHY115	Infectious and parasitic diseases (including zoonoses)	5
PHY116	Motor activities and adaptation including the Psychomotricity - Ethics and Professional Deontology	4
PHY117	Bilingual training - NICT I	3
<b>Total</b>		<b>30</b>

## SEMESTER 2

Code	Courses Titles	Number of credits
PHY121	Biomechanics - anatomy physiology II	6
PHY122	General pharmacology and clinical pharmacology	3
PHY123	Law related to the profession	2
PHY124	Epidemiology - Bio statistics - Health and Development	7
PHY125	Nursing care and first aid	3
PHY126	Clinical Internship I	4
PHY127	Civic Education and Ethics	3
<b>Total</b>		<b>30</b>

## SEMESTER 3

Code	Courses Titles	Number of credits
PHY231	Anatomy physiology III - Chemistry physiology	6
PHY232	Mineral chemistry - Organic Chemistry	3
PHY233	Psychology applied to physiotherapy	2
PHY234	Physiotherapy and Rehabilitation Methodology II - Elements of didactics and methodology of motor activities	6
PHY235	Special pathologies and specific physiotherapy I - IEC 2	4
PHY236	Clinical Internship II	6
PHY237	Medical English/medical French 2- ICT II	3
<b>Total</b>		<b>30</b>

## SEMESTER 4

Code	Courses Titles	Number of credits
PHY241	General Economy - Hospital management - Initiation to research	6
PHY242	Priority Healthprograms	3
PHY243	Special methodology of physiotherapy I	3
PHY244	Special pathologies and specific Physiotherapy II	5
PHY245	Special pharmacology of Physio II	4
PHY246	Community internship I	6
PHY247	Medical Law	3
<b>Total</b>		<b>30</b>

### SEMESTER 5

Code	Courses Titles	Number of credits
<b>PHY351</b>	Neurophysiology - Human and Special Metabolic I - Health Economics	6
<b>PHY352</b>	Human Neurophysiology, the physiology of movements	3
<b>PHY353</b>	Special methodology of physiotherapy	3
<b>PHY354</b>	Special gynecological Pathology	3
<b>PHY355</b>	Community Internship 2	6
<b>PHY356</b>	Clinical Internship 3	6
<b>PHY357</b>	Information and Communication Technology 3	3
<b>Total</b>		<b>30</b>

### SEMESTER 6

Code	Courses Titles	Number of credits
<b>PHY361</b>	Professional project	5
<b>PHY362</b>	IEC 3 - Health Promotion	4
<b>PHY363</b>	Apparatus and prosthesis in physiotherapy	4
<b>PHY364</b>	Professional situation related to special pathologies I	4
<b>PHY365</b>	Professional situation related to special pathologies II	4
<b>PHY366</b>	Clinical Internship 4	6
<b>PHY367</b>	Initiation to research, Medical functional French / English	3
<b>Total</b>		<b>30</b>