

THE SYLLABUS FOR SECOND AND THIRD YEAR OF TRAINING.

Anatomy.	Physiology.	Elementary Science.	Children's Diseases.	Surgery.	Medicine.
Ossens System.	Blood: its composition and properties. (Demonstration of Blood clotting).	Matter: its forms and properties. Metric System.	Infant Feeding.	Inflammation, Suppuration, Gangrene. Pyogenic organisms.	Disease. Notes on Biology, Histology, Chemistry of Physiology, Bacteriology.
Muscular System.	Heart, Circulation. Vasomotor System. (Demonstrated in frog.)	Atmosphere—Oxygen, Nitrogen. Carbon dioxide: their preparation and properties.—Water-vapour.	Marasmus. Malnutrition. Diarrhea—Vomiting. Types of vomiting. Summer Enteritis.	Tetanus. Erysipelas. Venereal Diseases: their incidence, symptoms, treatment.	Defensive Mechanisms of the Body. Immunity. Serum and Vaccine Therapy.
Circulatory System.	Respiration (presence of CO <sub>2</sub> in expired air demonstrated).	Atmospheric Pressure. Barometer. Hydrogen: its preparation and properties.	Rickets. Scourvy.	Fractures: application of splints. Fractured Spine: its treatment and nursing. Dislocations. Anaesthesia: General—Spinal—Local.	Infectious Diseases. Acute Rheumatism in child.
Respiratory System.	Digestion (demonstrated by fermentation action and chemical tests).	Water: electrolysis, density, freezing and boiling points, latent heat, solvent powers, evaporation, distillation. Hard and Soft Water.	Mongolism. Cretinism. Hydrocephalus. Spina Bifida.	Hæmorrhage. Aneurisms. Abdominal Surgery: Preparation for Operation. Hernia. Appendicitis: peritonitis and its treatment. Acute Intestinal Obstruction in child. Gastric Ulcer. Cancer of Stomach, Gall Stones.	Diseases of the Heart and Blood vessels with Irregularities of pulse.
Digestive System.	Absorption.	Heat. Thermometer.	Pyloric Stenosis. Pyloric Spasm.	Diseases of the Eye. Ophthalmia Neonatorum. Conjunctivitis. Strabismus. External Eye.	Diseases of Respiratory Tract. Tuberculosis: treatment in home, in hospital, in sanatoria.
Absorptive System.	Metabolism.	Conduction.—Convection—Radiation.	Hare Lip. Cleft Palate.	Diseases of the Rectum.	Diseases of Alimentary Tract.
Excretory System.	Excretion. Composition of Urine.	Combustion—Ignition or flash point.—Flame—Coal Gas.	Infectious Diseases. Measles—German Measles. Whooping Cough. Chicken Pox. Mumps. Scabies. Ringworm. Impetigo.	Diseases of Urinary Tract.	Diseases of Liver.
Ductless Glands.	Muscle: its character, function and changes (demonstrated by muscle-nerve preparation).	Ventilation, Dirt, Disinfection of Disinfectants. Purification of Water.	Habit Spasm. Bad Habits in Children. Syphilitic Affections.	Orthopædics: Diseases of Bones and Joints. Chronic Poliomyelitis. Surgical Tuberculosis. Massage, Exercises and Medical Electricity: their general principles and therapeutic value.	Diseases of Kidneys
Nervous System.	Nervous System: its several parts and their functions.	Proteins, Carbohydrates. Fats: their nature, action of enzymes, chemical tests. Composition of Milk: its adulteration and detection.	The Healthy Child. Mental and Physical Characteristics. Dentition and Disorders.	Diseases of Nose, Ear and Throat. Tonsils. Adenoids.	Diseases of Nervous System. Hemiplegia, Paraplegia, Infantile Paralysis.
Special Senses.	Speech Areas. Special Senses. Equilibrium.	N.B.—The above might be optional or taken as an advanced course.			Coma. Fits: cerebral; toxæmic, manifestations—Infantile Convulsions. Epilepsy. Hysteria. Neurasthenia. Chorea. Tetany.

[previous page](#)

[next page](#)