

Diploma in Nursing

Course Structure and Synopsis of Modules

The Diploma in Nursing is designed to provide academic and clinical preparation in nursing. Besides a comprehensive nursing theory and practice content, it utilizes a strong foundation in biological and behavioural sciences, research and management of a wide variety of illnesses, to prepare nurses to help both the patient and family achieve the highest degree of wellness possible. Graduates are eligible for registration with the Singapore Nursing Board. Nursing graduates are much sought after by the healthcare industry. They could practise in any setting hospitals, polyclinics, specialist clinics and also in organizations involved in clinical trials and research.

Course Structure (Core Modules)

YEAR 1 - SEMESTERS 1 & 2

HS1084 Foundation of Nursing
HS1085 Family and Community Health
HS1086 Safety in Healthcare
HS1087 Critical Thinking
HS1088 Nursing of Childbearing Family and Children
HS1089 Professional Nursing Practice and Patient Education
HS1090 Communication and Customer Service
HS1091 Nursing Laboratory 1A
HS1092 Nursing Laboratory 1B
HS1093 Health Assessment
HS1094 Biological Science IA
HS1095 Biological Science IB
HS1096 Introduction to Psychology
HS1097 Introduction to Sociology
HS1098 Developmental Psychology
HS1099 Nursing Practice 1

YEAR 2 - SEMESTERS 1 & 2

HS2122 Adult Nursing 1
(Cardiovascular, respiratory, blood and environmental health)
HS2123 Mental Health Nursing
HS2124 Adult Nursing 2
(Gastrointestinal, reproductive, endocrine, renal and urological disorders)
HS2125 Nursing Laboratory 2A
HS2126 Nursing Laboratory 2B
HS2127 Biological Science 2A
HS2128 Biological Science 2B
HS2129 Pharmacology 1
HS2130 Pharmacology 2
HS2131 Abnormal Psychology and Behavioural Modification
HS2132 Health, Medicine and Society and Sociology of PractitionerPatient Relationship
HS2133 Health Psychology and Social Psychology
HS2134 Research Methods
HS2135 Statistics

HS2136 Nursing Practice 2A
HS2137 Nursing Practice 2B

YEAR 3 - SEMESTERS 1 & 2

HS3111 Adult Nursing 3
(Perioperative nursing, and dermatological and sensory disorders)
HS3112 Adult Nursing 4
(Care of older adults and neurological and oncology disorders)
HS3113 Adult Nursing 5
(Care of the acutely ill and musculoskeletal disorders)
HS3114 Nursing Project
HS3115 Management
HS3116 Nursing Laboratory 3
HS3117 Sociology of Work and Organization and Sociology of the Family
HS3118 Nursing Practice 3A
HS3119 Nursing Practice 3B
HS3120 Nursing Practice 3C
HS9865 National Education

Synopsis of Modules

YEAR 1 SEMESTERS 1 & 2

HS1084 – FOUNDATION OF NURSING 45 hours

The module introduces the students to the focus and practice of nursing in ensuring the delivery of safe, holistic and quality client care. It also explores the concepts of nursing practice by identifying the vital basic needs of clients, factors affecting the client's performance, and measures used in supporting the client to achieve them.

HS1085 – FAMILY AND COMMUNITY HEALTH 45 hours

This module enables students to develop skills in the assessment, maintenance and promotion of the health of children, adolescents, the elderly and families. It also introduces the concepts of primary health care, and provides the students with the knowledge necessary to apply the principles of health promotion, disease prevention and rehabilitation of individuals and families.

HS1086 – SAFETY IN HEALTHCARE 45 hours

This module is structured to provide students with fundamental knowledge and skills needed to provide safe and competent nursing care to clients. These include infection control, risk management and pre and post operative care.

HS1087 – CRITICAL THINKING 30 hours

The module is designed to enable the students to develop critical thinking and clinical reasoning skills. Students will explore various problem solving strategies and integrate these learning in clinical nursing practice.

HS1088 – NURSING OF CHILDBEARING FAMILY AND CHILDREN 45 hours

The module provides an overview of pregnancy and parenthood including extending the concept of adaptation at various stages of the life cycle. The focus will be on "normal" processes and outcomes for the childbearing family. Cultural, legal and health education aspects of childbearing are discussed. The students will also acquire an understanding of the care of children of different developmental ages with alterations in health status.

HS1089 – PROFESSIONAL NURSING PRACTICE AND PATIENT EDUCATION 60 hours

This module introduces students to the legal and ethical issues which have an impact on nursing practice. The major legal and ethical issues on health practices will be addressed. Professional issues such as evidencebased practice and development of patient education teaching plans and skills will also be explored to better enhance nursing as a profession.

HS1090 – COMMUNICATION AND CUSTOMER SERVICE 30 hours

This module provides an overview of the basic principles of communication and includes guidelines and best practices for effective communication in both personal and professional contexts. It is designed to prepare students to meet and exceed customer's expectations by focusing on customer service skills in difficult and diverse customer situations.

HS1091 – NURSING LABORATORY 1A 60 hours

This module provides students with opportunities to develop psychomotor skills relating to assisting clients in activities of living.

HS1092 – NURSING LABORATORY 1B 60 hours

This module builds on the foundation developed in Nursing Laboratory 1A. It provides students with opportunities to develop psychomotor skills relating to the principles of pre and postoperative care of clients, management of wound, administration of medication, maternal and infant care and care of children.

HS1093 – HEALTH ASSESSMENT 30 hours

The module aims to provide students with the principles of health assessment in clinical nursing practice and the development of clinical skills necessary to obtain data through health history, physical examination and formulating nursing diagnoses.

HS1094 – BIOLOGICAL SCIENCE 1A 105 hours

This module examines basic principles of human biology. It also examines the principles by which the body maintains homeostasis. Body systems will be examined through study of organization, structure, functions the effects of dysfunction. The systems covered include the integumentary, musculoskeletal, lymphatics and cardiovascular systems.

HS1095 – BIOLOGICAL SCIENCE 1B 105 hours

This module examines the organization, structure, functions and the effects of dysfunction of the various body systems such as the nervous, respiratory, digestive, and reproductive systems.

HS1096 – INTRODUCTION TO PSYCHOLOGY 30 hours

This module provides an overview of lifespan development. It aims to enhance students' occupational and functional functions. In general, upon completion, the students will be able to see the relevance of psychology to healthcare practice, discuss and understand basic concepts of human development and examine the impact of the individual on current social, developmental and moral issues.

HS1097 – INTRODUCTION TO SOCIOLOGY 30 hours

This module provides an introduction to the sociological concepts and perspectives used to understand and analyse the broad sociocultural context of society.

HS1098 – DEVELOPMENTAL PSYCHOLOGY 30 hours

This module aims to provide students with an understanding of human behaviours that affect health, illness and recovery such as pain, stress and disability.

HS1099 – NURSING PRACTICE 1 120 hours

This module provides opportunities for the students to integrate theory and practice in a variety of clinical settings, working with the community and people experiencing alterations in health status.

YEAR 2 SEMESTERS 1 & 2

HS2122 – ADULT NURSING 1 45 hours

(Cardiovascular, respiratory, blood and communicable disorders and environmental health)

This module focuses on managing patients with cardiovascular, respiratory and blood disorders. It also introduces the students to concepts related to communicable diseases and environmental health; and the implications of the environment on the health of the community.

HS2123 – MENTAL HEALTH NURSING 60 hours

This module aims to promote students' understanding of patients with mental health/psychiatric problems and their families. It focuses on the various modes of management, the range of therapeutic roles, and the various theoretical and philosophical underpinning necessary in mental health nursing practice. It also introduces knowledge of nursing assessment, planning and intervention in the care of patients with mental health problems.

HS2124 – ADULT NURSING 2 45 hours

(Gastrointestinal, reproductive, endocrine, renal and urological disorders)

This module discusses the concepts related to gastrointestinal, reproductive, endocrine, renal and urological disorders. It also focuses on the total care of patients with gastrointestinal, reproductive, endocrine, renal and urological disorders.

HS2125 – NURSING LABORATORY 2A 60 hours

This module provides students with an opportunity to develop higher level health promotion, disease prevention and rehabilitation skills. It will enable students to develop psychomotor skills relating to the management of clients with altered cardiovascular, respiratory and blood functions, and clients with infectious diseases.

HS2126 – NURSING LABORATORY 2B 60 hours

This module provides students with an opportunity to develop higher level health promotion, disease prevention and rehabilitation skills. It will enable students to develop psychomotor skills relating to the management of clients with altered gastrointestinal, renal, urinary, reproductive and endocrine functions.

HS2127 – BIOLOGICAL SCIENCE 2A 45 hours

This module introduces the basic principles of microbiology and immunology. It also examines the process of ageing, basic electrical concepts, forces and nuclear medicine.

HS2128 – BIOLOGICAL SCIENCE 2B 45 hours

This module examines the organization, structure, functions and effects of dysfunction of the endocrine and urinary systems as well as the principles of nutrition, metabolism and genetics.

HS2129 – PHARMACOLOGY I 30 hours

This module introduces students to the general principles and concepts in pharmacology. At the end of this module, students will be able to understand the mechanisms of drug action and the various processes that impact on the safe and effective use of drugs. Topics on drugs relating to the autonomic system, the autocooids, non steroidal anti inflammatory agents, corticosteroids and antimicrobials will be included. In addition, the pharmacotherapeutic management of asthma will be discussed.

HS2130 – PHARMACOLOGY 2 30 hours

This module examines the pharmacological properties of drugs used for different disease conditions in different organ systems such as cardiovascular, renal, gastrointestinal, endocrine, reproductive and nervous systems. In addition, issues relating to drug use in special populations will be discussed.

HS2131 – ABNORMAL PSYCHOLOGY AND BEHAVIOUR MODIFICATION 45 hours

This module comprises two units. Abnormal Psychology unit seeks to provide the students with a general theoretical framework of abnormal behaviour and an overview of the range of treatment approaches which are currently in use. Behaviour Modification aims to give the students an understanding of the fundamental techniques of behaviour modification in health care settings and related clinical contexts.

HS2132 – HEALTH, MEDICINE AND SOCIETY AND SOCIOLOGY OF THE PRACTITIONER/PATIENT RELATIONSHIP 45 hours

This module comprises two units. The unit on Health, Medicine and Society aims to provide a broad understanding of the sociological perspective of health, illness, and healthcare system. Sociology of Practitioner Patient Relationship aims to provide a generic practitioner patient framework. Different sociological approaches are applied to analyse structure, symbols, affect and interaction in the practitioner patient relationship.

HS2133 – HEALTH PSYCHOLOGY AND SOCIAL PSYCHOLOGY 45 hours This module consists of two units namely health psychology and social psychology. The unit on health psychology aims to provide students with an understanding of human behaviours that affect health, illness and recovery such as pain, stress and disability. Social psychology aims to provide students with a broad understanding of social psychology with an emphasis on social perception, social interaction and applications of social psychology to illness and health care.

HS2134 – RESEARCH METHODS 30 hours

This module introduces students to the basic concepts and principles of research methodology. It covers areas of research design related to conceptualisation, operationalisation, validation, sampling, and examines various methodologies for data collection.

HS2135 – STATISTICS 30 hours

This module introduces students to the basic concepts and principles associated with statistical analysis. It aims to equip students with the skills to analyze and interpret findings. The module covers various aspects of probability, descriptive and inferential data analysis.

HS2136 – NURSING PRACTICE 2A 280 hours

This module provides opportunities for the students to integrate the theory and skills of health promotion, disease prevention and rehabilitation in a variety of clinical setting to develop the students' skills in nursing assessment and management of clients with altered cardiovascular, respiratory and blood functions, infectious diseases and mental health status.

HS2137 – NURSING PRACTICE 2B 280 hours

This module provides opportunities for the students to integrate the theory and skills of health promotion, disease prevention and rehabilitation in a variety of clinical setting to develop the students' skills in nursing assessment and management of adults and children with altered gastrointestinal, renal, urinary, reproductive and endocrine functions.

YEAR 3 SEMESTERS 1 & 2

**HS3111 – ADULT NURSING 3 45 hours
(Perioperative nursing and dermatological and sensory disorders)**

This module introduces the students to the general principles of nursing patients before, during and after surgical procedures in the operating theatre setting and managing patients with dermatological conditions and burns injury. It also enables the students to develop an understanding of the care of patients with sensory disorders.

**HS3112 – ADULT NURSING 4 45 hours
(Care of older adults and neurological and oncology disorders)**

This module introduces the students to the general principles of nursing patients with neurological and common oncology disorders. It also enables the students to develop and recognise the preventive measures and specific health needs of the older adults from the health to ill health continuum.

**HS3113 – ADULT NURSING 5 45 hours
(Care of the acutely ill and musculoskeletal disorders)**

This module introduces the students to the management of patients with acute and/or life threatening crises in the emergency and critical care settings. It also enables the students to develop an understanding of the care of patients with musculoskeletal disorders.

HS3114 – NURSING PROJECT 45 hours

This is a project based module where students are required to investigate an aspect of nursing issue or practice systematically. This module offers opportunities for students to present their end product in a creative and innovative manner.

HS3115 – MANAGEMENT 45 hours

This module has been designed to facilitate development of management strategies to enhance the student's professional practice.

HS3116 – NURSING LABORATORY 3 120 hours

This module provides an opportunity for the students to develop skill in nursing assessment and management of patients with alterations in health status, neurological, musculoskeletal, and / or special senses and skills in operating theatre nursing. It also seeks to develop the students' skill in nursing assessment and management of patients with acute and/or life threatening crises in the emergency and critical care settings, and care of oncology clients.

HS 3117 – SOCIOLOGY OF WORK AND ORGANISATION, AND SOCIOLOGY OF THE FAMILY 45 hours

The module consists of two units. Sociology of Work and the Organisation aims to provide students with a fundamental knowledge of the behaviour of people in organizations and how the structuring of professions and organizations affect people's attitudes and adaptation towards their work environment. The Sociology of the Family aims to provide students with a broad understanding of the sociological framework of the family, ranging from sociological theories of the family and its responses to health and illness to social policies affecting the family within the society.

HS3118 – NURSING PRACTICE 3A 120 hours

This module provides an opportunity for the students to integrate the theory and skills of health promotion, disease prevention and rehabilitation in a variety of clinical setting to develop the students' skills in nursing assessment and management of adults and children with altered gastrointestinal, renal, urinary, reproductive, endocrine, cardiovascular, respiratory and blood functions, infectious diseases and mental health status

HS3119 – NURSING PRACTICE 3B 240 hours

This module provides an opportunity for the students to integrate the theory and skills of health promotion, disease prevention and rehabilitation in a variety of clinical setting to develop the students' skills in nursing assessment and management of clients with acute and / or life threatening crises in the emergency and critical care settings, clients with oncology, neurological, musculoskeletal, sensory, and immunological health problems, elderly clients with complex health problems and skills in operating theatre nursing.

HS3120 – NURSING PRACTICE 3C 480 hours

This 12week pre registration consolidation practice (PRCP) module provides an opportunity for the students to consolidate the 3year clinical education programme and utilise the skills of health promotion, disease prevention, and rehabilitation to various groups within the community. It also

seeks to enhance the students' competence in nursing management of patients with alteration in health status.