

School of Health Sciences

DIPLOMA IN NURSING

You are born with great empathy for people and have a strong desire to improve the lives of others. Find fulfilment as a healthcare professional by joining the School of Health Sciences where you can learn to be the guardian of our nation's health.

The Diploma in Nursing (NSG) is a comprehensive course that prepares you to become a versatile healthcare professional equipped with problem-solving skills and an eye for detail. In addition to core nursing modules, you will learn about behavioural and human biosciences. Upon graduation, you will be ready to practise as a registered nurse or tap into a wide range of career opportunities in the pharmaceutical and biomedical industries, locally and overseas.

Industry-based Learning

Learn from industry practitioners and gain insights into modern healthcare with 32 weeks of clinical attachments in different specialties from your first year. You could be attached to established institutions such as the Singapore General Hospital, Khoo Teck Puat Hospital, Changi General Hospital, National University Health System and Ng Teng Fong General Hospital.

Hospital Sponsorships

With nursing professionals in high demand, you can secure a reputable job even before graduation. Nursing students can apply for a hospital sponsorship that offers a monthly allowance ranging from \$850 to \$950.

Live and Learn Abroad

As a nursing student, you get to go on overseas immersions, internships and service-learning trips to countries such as Australia, China, Cambodia and Thailand. These trips offer insights into regional healthcare systems and give you the chance to put into practice what you have learnt.

Cutting-edge Facilities

Hone your skills in industry-standard facilities such as our Patient Simulation Centre, complete with mannequins that can communicate with you like a real patient. Other facilities include well-equipped intensive care units and operating theatres.

You will also use your mobile device (iPhone or Android) to access drug databases, translation software, lecture notes and many in-house apps specially developed for our nursing students. These devices serve as a handy learning tool during your clinical attachments.

YEAR 1 COURSE MODULES

LEVEL 1.1

Behavioural Sciences

This module provides students with the foundational knowledge of the behavioural sciences to understand its role in nursing and healthcare in general. The module focuses on the application of behavioural sciences when nursing a child, adolescent, adult, or senior adult. Students will develop perspective-taking skill and apply in their nursing practice with patients. The module will also enable students to understand how individual and social factors can affect and influence their individual nursing practice, as well as patients' own perspective and experience with regards to health and illness.

Fundamentals of Nursing

This module traces the development of nursing from the Florence Nightingale era, to contemporary nursing practice globally and in Singapore. Students are introduced to concepts and theories in professional nursing practice. The Nursing Process framework in development of care plans will be introduced. Students will also be presented with key concepts of clinical reasoning, critical thinking and problem-solving in making clinical decisions.

School of Health Sciences

Human Biosciences 1.1

This module provides students with an understanding of the biological basis of human diseases. It will introduce the cell, cellular organisation and organ systems. It will also provide students with knowledge of anatomy and physiology of the musculoskeletal, cardiovascular, respiratory, gastro-intestinal, renal and urinary, haematology, and immune systems.

Introduction to Data Analytics with Excel

This module aims to provide students with a basic understanding of data analytics concepts and applications. Students will learn fundamental data analytics concepts, how to analyse data using Microsoft Excel, and present information to provide insights for an informed decision making.

Nursing Skills Laboratory 1.1

This module aims to equip students with knowledge and skills to care for patient's basic health needs at entry level. These are essential skills, fundamental to nursing practice and can be applied across a variety of health care settings.

LEVEL 1.2

Clinical Practice 1.2

This module allows students to practice nursing care to meet patients' basic health needs at a beginner's level. Students will have opportunities to apply the knowledge and skills learnt at levels 1.1 and 1.2 into clinical practice in various healthcare settings. They will be assigned to medical/gerontology disciplines for 3 weeks.

Gerontology & Community Nursing

This module involves the systematic examination and application of nursing care of the elderly. The role of the community nurse will also be explored. In addition, the students will acquire the knowledge and skills to employ the nursing process to plan illness/disease preventive strategies for the individuals, families and the community at large. Students are encouraged to develop a reflective approach to nursing practice in caring for the elderly in various health care settings.

Human Biosciences 1.2

This module will provide students with knowledge and understanding of the anatomy and physiology of the nervous, reproductive, sensory, integumentary and endocrine systems of the human body. It will also introduce the basic principles of microbiology and principles of infection control.

Introduction to Pharmacology

This module serves as an introduction to the science of medicines and medication management. The principles for safe drug administration and use of the nursing process framework to avoid drug errors will be emphasised. This module will provide the theoretical framework for better understanding of drugs used in the integrated nursing sciences modules.

Nursing Skills Laboratory 1.2

This module aims to equip students with knowledge and skills to care for patient's basic health needs at entry level. These are essential skills, fundamental to nursing practice and can be applied across a variety of healthcare settings. (Part 2)

YEAR 1 COURSE CURRICULUM

Module Name	Credit Units
Level 1.1 (22 hours per week)	
Behavioural Sciences	3
English Language Express*	NA
Fundamentals of Nursing	4
Human Biosciences 1.1	4
Innovation Made Possible^	3
Introduction to Data Analytics with Excel	2
Nursing Skills Laboratory 1.1	6
Level 1.2 (23 hours per week)	
Clinical Practice 1.2	4
Communication Essentials^	3
Gerontology & Community Nursing	3
Health & Wellness^	1
Human Biosciences 1.2	4
Introduction to Pharmacology	2
Nursing Skills Laboratory 1.2	6

Notes:

^ For more details on Interdisciplinary Studies (IS) electives, please log on to www.np.edu.sg/is *
This module is only offered to students who are weaker in the English Language.

IS Modules

The School of Interdisciplinary Studies (IS) delivers a broad-based curriculum, which nurtures a new generation of professionals with multidisciplinary skills and an innovative and entrepreneurial spirit to meet the challenges of a knowledge economy. IS offers both prescribed modules and electives to challenge boundaries. Prescribed modules develop students' competencies in core areas such as Communication, Innovation and Enterprise, Culture and Communication, and Personal Mastery and Development, while elective modules provide insights into Arts and Humanities, Business, Design, and Science and Technology.

YEAR 2 COURSE MODULES

LEVEL 2.1

Clinical Practice 2.1

This module allows students to provide preventive, therapeutic and rehabilitative care in meeting patients' health needs. Students will have opportunities to apply the knowledge and skills learnt at levels 1.2 and 2.1 into clinical practice in various healthcare settings. They will be assigned to surgical disciplines for 4 weeks.

Integrated Nursing Sciences 2.1

This module will be taught using a system and scenario-based interdisciplinary approach. It will provide an integrated coverage of pathophysiology, medical and nursing care management, and pharmacological treatment of common cardiovascular, respiratory, gastrointestinal, renal and urinary, hepatobiliary, vascular and musculoskeletal disorders.

Introduction to Nursing Research

This module introduces the basic concepts and skills in research and statistical analysis so that students understand, and critically evaluate evidence and data to support their clinical practice. Topics will include research design, data collection methods, literature searching strategies, basic statistical analysis and Good Clinical Practice guidelines.

Law, Ethics & Health Care

This module involves the systematic examination and application of the laws that govern nursing practice, explore ethical principles and moral standards of conduct. Topics include the legal system in Singapore, the legislative framework, the role of the SNB and its regulatory functions; the SNB Code for Nurses and Midwives and ethical decision-making process which have an implication on nursing practice.

Nursing Skills Laboratory 2.1

This module aims to equip students with fundamental nursing knowledge and skills to provide preventive, therapeutic and rehabilitative care in meeting patients' health needs. These developmental skills are necessary to enable students to implement timely interventions and treatment plans in caring for patients with common medical-surgical disorders.

LEVEL 2.2

Clinical Practice 2.2

This module allows students to provide preventive, therapeutic and rehabilitative care in meeting patients' health needs. Students will have opportunities to apply the knowledge and skills learnt at levels 1.2 and 2.2 into clinical practice in specialised healthcare settings. They will be assigned to the mental health, paediatrics, obstetrics & gynaecology disciplines (female students only) or infectious diseases/medical discipline (male students only) for 2 weeks each (total 4 weeks).

Integrated Nursing Sciences 2.2

This module will provide students an integrated coverage of pathophysiology, medical and nursing care management, and pharmacological treatment of common neurological, hematologic, endocrine, immunological, integumentary and sensory disorders.

Mental Health Nursing & Palliative Care

This module provides students with the fundamental knowledge in nursing care for patient with mental health and palliative care issues. Treatment modalities, legal and ethical issues related to mental health nursing and the role of the psychiatric nurse in caring for patients and families in the hospital and community will be explored. In addition, the students will also learn to plan and deliver palliative care nursing and end-of-life care to patients requiring palliative care across the lifespan in both acute and community settings. Students are encouraged to develop a reflective approach to nursing practice in caring for these patients.

Nursing Skills Laboratory 2.2

This module aims to equip students with fundamental nursing knowledge and skills to provide preventive, therapeutic and rehabilitative care in meeting patients’ health needs. These skills are necessary to enable students to implement timely interventions and care plans in caring for patients with common medical, obstetric and gynaecological, paediatric and mental health disorders. It also prepares students to perform Basic cardiac life support (BCLS) and automated external defibrillator (AED) according to the guidelines stipulated by the National Resuscitation Council. Singapore.

Women & Children Health

This module covers the comprehensive diseases processes and patient care management for patients in obstetrics, gynaecological and paediatric settings.

YEAR 2 COURSE CURRICULUM

Module Name	Credit Units
Level 2.1 (21 hours per week)	
Clinical Practice 2.1	4
Integrated Nursing Sciences 2.1	6
Introduction to Nursing Research	3
Law, Ethics & Health Care	2
Nursing Skills Laboratory 2.1	6
Level 2.2 (22 hours per week)	
Clinical Practice 2.2	4
Integrated Nursing Sciences 2.2	6
Mental Health Nursing & Palliative Care	3
Nursing Skills Laboratory 2.2	6
Women & Children Health	3

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YEAR 3 COURSE MODULES

LEVEL 3.1

Integrated Nursing Sciences 3.1

This module will be taught using scenario-based, interdisciplinary approach. It will allow students to integrate knowledge on the pathophysiology, medical and nursing management and pharmacological treatment of patients requiring emergency and perioperative care. In this module, students will also learn how to provide acute, transitional and long-term care for patients in the community.

Nursing Management & Professional Development

This module provides students with an understanding of the Singapore health care system, health informatics and organisation of nursing services. An overview of quality assurance, occupational health and risk management strategies in clinical practice will be covered. Effective managerial and leadership skills in the provision of nursing care will also be explored. Students will develop accountability through personal and professional development.

Nursing Skills Laboratory 3.1

This module aims to equip students with fundamental nursing knowledge and skills to provide preventive, therapeutic and rehabilitative care in meeting patient's health needs. These skills are necessary to enable students to co-ordinate and manage patient care in a variety of health care settings. This module also equips students with skills to care for patients requiring emergency and perioperative care, and providing acute, transitional and long-term care for patients in the community setting.

LEVEL 3.2

Clinical Practice 3.2

This module allows students to provide holistic patient care in meeting patients' health needs. Students will have opportunities to apply the knowledge and skills learnt at levels 1.2, 2.1, 2.2 and 3.1 into clinical practice in various healthcare settings. This module will prepare the students for their Pre-registration Consolidation Practice. They will be assigned to the medical discipline for 6 weeks.

Clinical Practice (Specialised)

This module allows students to provide primary, emergency, perioperative and rehabilitative care in meeting patients' health needs. Students will have opportunities to apply the knowledge and skills learnt at levels 1.2, 2.1, 2.2 and 3.1 into clinical practice in various healthcare settings. Students will be assigned to specialised settings, i.e., emergency department for 1 week, operation theatre for 1 week and community health for 2 weeks (total 4 weeks).

Healthcare Career & Professional Preparation (Nursing)

This module allows students to provide care to individuals with diseases and illnesses across a lifespan in a hospital setting. Students should apply the knowledge and skills learnt to clinical practice. The students are required to complete a two weeks in-campus intensive preparation program and a 12 weeks Pre-Registration Consolidation Practice (PRCP) in a Medical or Surgical discipline. This module provides an opportunity for students to consolidate and refine their skills and knowledge gained over the three years of study.

Pre-Registration Consolidation Practice

This module allows students to provide care to individuals with diseases and illnesses across a lifespan in a hospital setting. Students should apply the knowledge and skills learnt in clinical practice. The students are required to complete a two weeks in-campus intensive preparation program and a 10 weeks Pre-Registration Consolidation

Practice (PRCP) in a Medical or Surgical discipline. This module provides an opportunity for students to consolidate and refine their skills and knowledge gained over the three years of study.

YEAR 3 COURSE CURRICULUM

Module Name	Credit Units
Level 3.1 (21 hours per week)	
Integrated Nursing Sciences 3.1	6
Nursing Management & Professional Development	3
Nursing Skills Laboratory 3.1	8
Project ID: Connecting the Dots^	4
Level 3.2 (23 hours per week)	
Clinical Practice 3.2	6
Clinical Practice (Specialised)	4
Healthcare Career & Professional Preparation (Nursing)	1
Pre-Registration Consolidation Practice	12

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