

Advanced Diploma in Nursing (Neuroscience)

The Advanced Diploma in Nursing (Neuroscience) provides students with an in-depth understanding of the management of patients with altered neurological functions like brain attack and brain trauma. It aims to develop in students advanced nursing skills and the awareness of the multi-disciplinary roles required to assist the patient to return to an optimal level of productivity and independence.

Synopsis of Modules

Common Modules

HS8014 Leadership and Healthcare Management (30 Hrs)

This module provides an understanding of the impact that economic, political and social issues have on the Singapore healthcare system. Learners will be introduced to concepts of care transition, intermediate and long-term care and advance care planning. In addition, learners will also develop management and leadership skills to prepare them for future roles as managers and leaders.

HS8015 Professional Issues in Advanced Nursing Practice (30 hrs)

This module focuses on issues that significantly influence professional nursing practice and outcomes. Learners will analyze the various approaches and undertake exercises and activities that will further assist them in their interpersonal and professional relationships for the advancement of nursing as a profession. In addition, learners will discuss the legal and ethical issues that impact nursing practice.

Specialist Modules – Neuroscience

HS8173 Advanced Pathophysiology and Pharmacology in Neuroscience (60 hrs)

This module provides an in-depth study of general and systemic pathophysiology followed by further knowledge of pathophysiology processes related to neuroscience nursing. Learners should be able to integrate the

pathophysiological knowledge gained with the various clinical presentations and complications of disease states. In addition, learners will study key concepts in advanced pharmacology which will form the foundation to understanding the rationale for pharmacological management of patients with complex health problems. The advanced knowledge from this module will provide a sound basis for advanced nursing practice.

HS8174 Psychosocial Perspectives of Neuroscience Nursing (30 hrs)

This module provides learners with an increased awareness and understanding of psychosocial issues pertaining to neuroscience nursing practice. It will assist learners to recognize the needs and problems of patients and their significant others at different phases of the illness and treatment and to develop effective intervention strategies. It also includes basic theory and skills of counseling to prepare advanced practice nurses to manage challenging situations in practice.

HS8172 Health Assessment and Clinical Decision-Making (45 hrs)

The module provides learners with an in-depth knowledge and skills of health assessment to develop their abilities to perform systematic assessment for clinical decisions and interventions.

HS8168 Advanced Neuroscience Nursing I (75 hrs)

This module allows the student to recognise and evaluate significant neuromedical and neurorehabilitation nursing issues. It permits the development of effective nursing interventions in the care of individuals experiencing these problems and their significant others.

HS8175 Advanced Neuroscience Nursing II (90 hrs)

This module allows the learners to recognise and evaluate significant trauma and surgical issues associated with the nervous system. It permits the development of effective nursing interventions in the care of individuals experiencing these problems and their significant others. Learners will apply the process of advance care planning, care transition and intermediate and long-term care in neuroscience nursing.

Student Recruitment & Admission Office,
Nanyang Polytechnic,
Campus Centre (Blk A), Level 2,
180 Ang Mo Kio Avenue 8,
Singapore 569830

NB: (1) An incomplete submission may not be considered.

Organisations sponsoring their staff for the programme are required to submit the Company-Sponsorship Form to the above address by the closing date. This can be obtained from the Course Calendar at www.nyp.edu.sg/pdc

Enquiries

Enquiries related to the course application, please contact: Professional Development Centre (PDC)

TEL: 6550 0555

Enquiries related to the course, please contact: School of Health Sciences,

TEL: 6550 1300

www.nyp.edu.sg/shs