

Advanced Diploma in Nursing (Critical Care)

Critical care entails the management of patients with life-threatening illnesses in intensive care settings of hospitals. The Advanced Diploma in Nursing (Critical Care) provides students with the necessary in-depth knowledge and understanding of nursing and medical management as well as the advanced critical and technical skills required for practice in this specialty.

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 – Critical Care

HS8121 Research and Evidence-Based Practice (60 hrs)

The module aims to develop a critical and evaluative approach to research utilising a range of different approaches and methods. It seeks to foster and develop in students the ability to critically appraise studies as well as to plan a specific piece of research. The module places equal emphasis on qualitative and quantitative research traditions.

HS8123 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.

HS8124 Advanced Pathophysiology and Pharmacology in Critical Care Nursing (60 hrs)

This module provides an in-depth study of essential principles of general and systemic pathophysiology followed by further knowledge of pathophysiology processes related to critical care nursing. Learners should be able to integrate the pathophysiological knowledge gained to the various clinical presentation 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.

HS8125 Psychosocial Perspectives of Critical Care Nursing (30 hrs)

This module enables learners to explore the concepts underlying the psychosocial needs of the patient and family in the critical care environment. It examines patients' responses to critical illness that include their need to maintain psychological, emotional and social integrity and other needs provided by social relationships. It also includes basic theory and skills of counseling to prepare advanced practice nurses to manage challenging situations in practice.

HS8126 Advanced Critical Care Nursing I (90 hrs)

This module places significant emphasis on learners' ability to recognize and evaluate complex problems associated with dysfunction of the cardiovascular, respiratory and neurological systems in the adult population. It includes concepts related to specialized knowledge and skills required to ensure quality and holistic care of the critically ill clients and their families. It develops learners' critical reasoning, analytical and psychomotor skills at an advanced level. Hence, learners will be able to apply appropriate evidence-based

therapeutic regimens and nursing interventions for clients who are experiencing life-threatening or potentially life-threatening illness, injury or surgery.

HS8127 Advanced Critical Care Nursing II (75 hrs)

This module places significant emphasis on learners' ability to recognize and evaluate complex problems associated with dysfunction of the gastro-intestinal, hepato-biliary, endocrine, integumentary, haematology, immune and renal systems in adult populations. It includes concepts related to specialized knowledge and skills as well as advance care planning that are required to ensure quality and holistic care of the critically ill clients and their families. It develops learners' critical reasoning, analytical and psychomotor skills at an advanced level. Hence, learners will be able to apply appropriate evidence-based therapeutic regimens and nursing interventions for clients who are experiencing life-threatening or potentially life-threatening illness, injury or surgery.

HS8128 Advanced Critical Care Nursing Clinical Practice (420 hrs)

This module provides learners with learning opportunities to develop and apply skills appropriate to the roles and functions of the critical care nurse specialist. It prepares learners to integrate theory and evidence-based practice in today's critical care settings. Learners will be attached to various critical care units consistent with the academic requirements of the programme to facilitate their understanding of critical care nursing practice.

Duration

32 weeks on a full-time basis.

Entry Requirements

- A Diploma in Nursing from a local Polytechnic or an equivalent qualification;
- Registered with the Singapore Nursing Board;
- 1 year post registration experience with 6 months in the discipline of study;
- Regional candidates must have an IELTS grade of 6 and above.

Application

Details of the course will be announced as and when the course is offered. Typically two intakes per year, in April and October. The course will be conducted based on sufficient number of applicants.

Applicants are to submit their application online at www.nyp.edu.sg/pdc

Please submit your supporting documents (photocopy of NRIC, educational transcripts, degree, etc.) to the following address by the closing date:

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