



Master of Nursing Perfusion Science Track



Occasional Student Enrollment (2021-2022)

The Master of Nursing (MNurs) Programme offers different study tracks in advancing students' career in different nursing specialties. In collaboration with the Department of Cardiothoracic Surgery in Queen Mary Hospital, the study track "**Perfusion Science**" is designed to provide registered nurses a high quality training at master level in the area of Perfusion Science.

Registered nurses, medical and health practitioners, basic scientists or other interested individuals are welcome to take the following courses as Occasional Students

NURS8261 Clinical Application of Adult Perfusion

The course will discuss cardiac and valve disease with clinical management. It also includes pre and post-operative assessment and managing adult open-heart surgeries, including heart and lung transplantation.

Tentative Schedule:

Semester 1, September to November 2021 (Sat)

Application deadline: September 3, 2021 (Fri)

NURS8262 Anatomy and Physiology in Cardiovascular Perfusion

Perfusion science involves and affects all human organs. This course introduces basic human system function and anatomy, such as circulation, neuroscience, etc. It also provides an overview of the investigation currently utilised for patient diagnosis and assessment of cardiovascular disease.

Tentative Schedule:

Semester 2, January to March 2022 (Sat)

Application deadline: November 26, 2021 (Fri)

NURS8263 Pharmacology and Pathology in Perfusion

This model aims to understand the general pathologies in extracorporeal perfusion. Candidates will have in-depth knowledge of various heart and lung pathologies, infection, haematology, and blood transfusion. Pharmacology management about different disease and perfusion settings will be included.

Tentative Schedule:

Semester 2, March to May 2022 (Sat)

Application deadline: November 26, 2021 (Fri)

NURS8264 Paediatric Perfusion and Mechanical Circulation Support

The course will introduce paediatric congenital heart disease. The surgical interventions currently used to correct heart defects will be outlined, including possible post-intervention complications. It also discusses basic knowledge and clinical applications of mechanical circulatory support and perfusion in paediatric patients.

Tentative Schedule:

Semester 2, May to July 2022 (Sat)

Application deadline: November 26, 2021 (Fri)

Certificate of attendance and **CNE points*** will be awarded to an occasional student who has attended 80% or above of lectures.

Certificate of completion and **CNE points*** will be awarded to an occasional student who has attended 80% or above of lectures and satisfied the requirements of the course for a pass grade.

Composition fee for each course is \$10,440 for the academic year 2021-22.

* CNE application is subject to approval.

Application form and further details

Please refer to the QR code or visit <https://nursing.hku.hk/education/master-of-nursing-programme>

