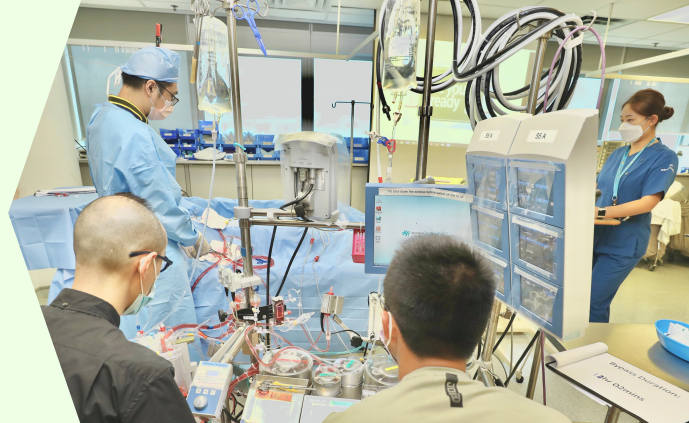




Master of Nursing Perfusion Science Track



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

NURS8259 Foundation of Perfusion Science

This course provides the basic scientific concepts of extracorporeal perfusion in medical science. The discussion starts with history and development, pathophysiology to practical management and application in modern medicine. Students will be able to understand the concepts and practical aspects behind the cardiopulmonary bypass after the course.

Tentative Schedule:

Semester 1, September to November 2021 (Sat)

Application deadline: August 20, 2021 (Fri)

NURS8260 Perfusion Technology and Techniques

This course develops students' understanding on the perfusion techniques. It includes the basic design & operation of perfusion technology. The equipment technologies such as myocardial protection techniques, monitoring devices, hemodilution, design of circuitry, management of cardiopulmonary bypass will be discussed.

Tentative Schedule:

Semester 2, January to March 2022 (Sat)

Application deadline: November 26, 2021 (Fri)

NURS8262 Anatomy and Physiology in Cardiovascular Perfusion

This course addresses anatomical and physiological aspects involved in cardiovascular perfusion. It introduces the essential functions and anatomy of human systems, such as cardiovascular, central nervous, renal, respiratory and hepatobiliary systems, etc. and highlights of the related aspects during extracorporeal perfusion.

Tentative Schedule:

Semester 2, January to March 2022 (Sat)

Application deadline: November 26, 2021 (Fri)

NURS8263 Pharmacology and Pathology in Perfusion

This course develops students' understanding on the general pathologies in extracorporeal perfusion. Students will have in-depth knowledge of various heart and lung pathologies, infection, haematology, and blood transfusion. Pharmacology management about the different diseases and perfusion setting will be included.

Tentative Schedule:

Semester 2, January to March 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>

