

NGEE

ANN

POLY

2021

SCHOOL OF **HEALTH SCIENCES**

- ◆ Nursing
- ◆ Optometry



A Passion To Touch Lives

School of
HEALTH SCIENCES

6 Nursing (N69)

10 Optometry (N83)



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.

LEARN

from the industry's best by attending off-campus lessons from your first year

EXPERIENCE

overseas immersions, internships and service-learning trips

GAIN

hands-on experience in real-world environments during your attachments



LEADER IN THE FIELD

HS partnered with Gnowbe to launch the Infection Control & Prevention 101 micro-learning course to educate the public on how to minimise the spread of COVID-19. Since its launch in March 2020, the course has benefited over 8,000 learners and has been translated into 14 other languages including Korean and Bengali. In addition, HS and NP's CET Academy launched another microlearning course at the request of the Ministry of Health (MOH). This specially customised course trains volunteers to conduct safe and effective swab tests.

OFF-CAMPUS CLASSES

As a HS student, you will gain an in-depth understanding of medical knowledge from the industry's best by attending off-campus lessons. Nursing students get to go on clinical attachments with leading healthcare institutions such as the Singapore General Hospital, National University Hospital and Tan Tock Seng Hospital. Similarly, our Optometry students will attend classes conducted by our industry partners such as eye care product companies Essilor and Menicon.

OVERSEAS EXPOSURE

Expand your world view with opportunities to go on overseas immersions, internships and service-learning trips to countries like Australia, Cambodia, China, Thailand and India. These will expose you to the healthcare systems of different countries and give you a chance to practise your skills in the real world.

TOP-NOTCH FACILITIES

We believe in giving you the best learning environment with our top-notch facilities and learning aids. These include the Patient Simulation Centre and the Optometry Centre, as well as fully equipped operating theatres, intensive care units, optometry laboratories and nursing wards. Even before you go on your attachment, you'll already get hands-on experience in real-world environments.

TECHNOLOGY-ENABLED LEARNING

You will get to use your smartphone to access e-textbooks, translation software, lecture notes and many in-house apps specially developed for our Nursing students. Now you'll have the perfect handy learning tool during your clinical attachments.



AN EXCHANGE DOWN UNDER

As an NP Nursing student, you can get your passport stamped Down Under, when you embark on a three-week exchange programme at the University of Adelaide. From forging closer friendships with classmates to experiencing a different learning culture, you'll come home with that something Xtra. Are you ready for take-off?

I enjoyed learning about the Australian nursing system. For example, their hospital beds have contraptions that can be operated by one staff and their intensive care units have portable X-ray devices from the ceiling that can be used for quick diagnostic imaging.

Siti Radiah

OUR GRADUATES WITH THAT SOMETHING

XTRA



A SPECIAL CALLING

A bout of depression and spate of illnesses set off a chain of events that led Tiffany Wong to think more deeply about her purpose in life. Nursing as a career stood out for Tiffany, because she hopes to make a positive difference in the lives of those struggling with health issues. Tiffany is always willing to invest her time and put her heart into caring for her patients, and believes her love for people will stand her in good stead. Besides being the recipient of the Lee Hsien Loong Outstanding All-Round Award and Lee Kuan Yew Award, Tiffany was also the valedictorian of her cohort. She is currently pursuing her nursing degree in Alice Lee Centre for Nursing at National University of Singapore (NUS) under an NUS scholarship.

Tiffany Wong
Diploma in Health Sciences (Nursing)*,
Class of 2019

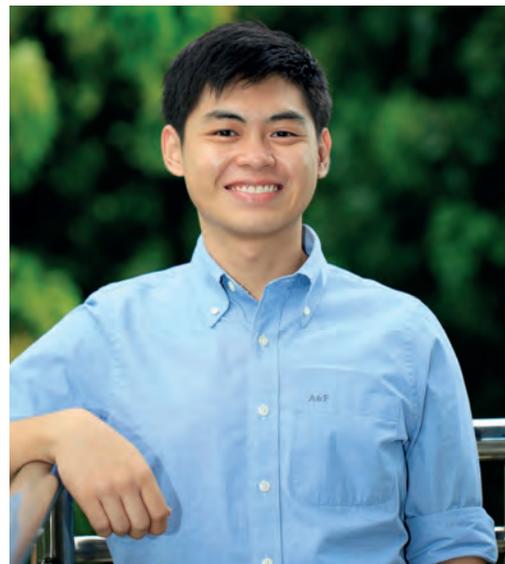
*now renamed as Diploma in Nursing

THE DOCTOR-NURSE

NP Nursing graduate, Kelvin Koh, firmly believed that his nursing background will make him a better doctor. Armed with this motivation, Kelvin decided to pursue medicine. He subsequently graduated from the University of Western Australia with a medical degree. He is currently working in Melbourne as a family physician.

Dr Kelvin Koh
Diploma in Health Sciences (Nursing)*,
Class of 2007

*now renamed as Diploma in Nursing



FRONTLINE HEROINE

Not long after she began her career as an operating theatre nurse at Tan Tock Seng Hospital, Nursing graduate Evelyn Low joined the fight against the COVID-19 pandemic at the National Centre of Infectious Diseases (NCID). From drawing blood to administering medication, Evelyn was able to apply the skills she had learnt in NP to deliver quality care for patients. Despite her hectic schedule, working on the frontlines has affirmed Evelyn's passion for her job. She finds great fulfilment in seeing patients recover and making a difference in their lives.

Evelyn Low
Diploma in Health Sciences (Nursing)*,
Class of 2017

*now renamed as Diploma in Nursing



EYE-OPENING EXPERIENCES

Our Optometry (OPT) students are trained to hit the ground running upon graduation. Take Jovian Brandon for example. He entered OPT upon completion of the NITEC in Opticianry at ITE College East. Jovian continued to follow his passion and began working at Eagle Eye Centre to obtain his licence with the Optometrists & Opticians Board. Jovian is currently working as an assistant manager at Essilor Amera's Philanthropy division. He volunteers with Non-Governmental Organisations like Essilor Vision Foundation (EVF) and Sight to Sky, and has provided eye care services to people in Nepal and Ladakh, India.

Jovian Nigel Brandon
Diploma in Optometry, Class of 2017



EXPANDING HORIZONS

Our diplomas prepare our graduates to take on challenges beyond the local context. Upon graduation, Cayce Tay completed a Bachelor of Science with Honours in Optometry at Cardiff University. She is now serving the community of Ipswich, UK, where she provides eye exams to detect and manage eye diseases.

Cayce Tay
Diploma in Optometry, Class of 2016

N69

DIPLOMA IN NURSING



Accredited by the Singapore Nursing Board

- ◆ Get real-world practice with 38 weeks of clinical attachment right from your first year
- ◆ Apply for a hospital sponsorship that comes with a monthly allowance
- ◆ Our graduates can apply for nursing, medicine and allied healthcare degree courses at NUS, NTU and SIT



Get latest updates
on course

WHAT THE COURSE IS ABOUT

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 38 weeks of clinical attachments in different specialities from your first year. You could be attached to established institutions in Singapore's public healthcare sector.

Hospital Sponsorships

With the nursing profession 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 study, immersions, exchange programmes and service-learning trips to countries such as Australia, China, India, 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 interact 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.



“ NP's Nursing course has provided me with a strong foundation in patient care and a comprehensive view of the healthcare system. I got many opportunities to interact with patients, work with experienced professionals, and have on-the-ground training through clinical attachments. I hope to play a part in shaping our future healthcare policies to address the prevention and management of chronic diseases. ”

Fiqri Nur Haziq bin Abu Bakar Diploma in Health Sciences (Nursing)*, Class of 2020

Fiqri is a recipient of the Anugerah Gemilang Mendaki (Mendaki Pinnacle Award). He has received a Public Service Commission Scholarship to pursue a degree at the National University of Singapore.

*now renamed as Diploma in Nursing

WHAT YOU WILL LEARN

YEAR 1

- Human Biosciences 1.1 & 1.2
- Introduction to Data Analytics with Excel
- Clinical Practice 1.1 & 1.2
- Fundamentals of Nursing
- Behavioural Sciences
- Nursing Skills Laboratory 1.1 & 1.2
- Gerontology & Community Nursing
- Introduction to Pharmacology
- Health & Wellness[^]
- Innovation Made Possible[^]
- Communication Essentials[^]
- English Language Express^{^*}

YEAR 2

- Clinical Practice 2.1 & 2.2
- Introduction to Nursing Research
- Integrated Nursing Sciences 2.1 & 2.2
- Nursing Skills Laboratory 2.1 & 2.2
- Mental Health Nursing and Palliative Care
- Law, Ethics & Healthcare
- Women and Children Health
- Singapore and World Issues

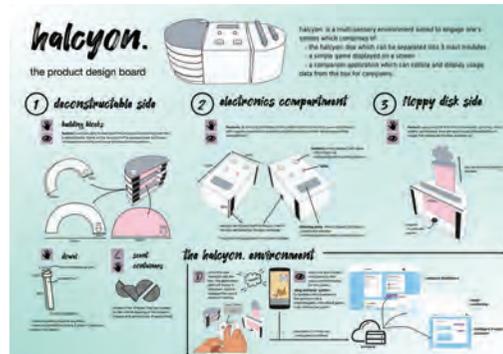
YEAR 3

- Nursing Management & Professional Development
- Integrated Nursing Sciences 3.1
- Nursing Skills Laboratory 3.1
- Clinical Practice (Specialised)
- Clinical Practice 3.2
- Healthcare Career & Professional Preparation (Nursing)
- Pre-registration Consolidation Practice (Three-Month Internship)
- Project ID: Connecting the Dots[^]

[^] Interdisciplinary Studies (IS) modules account for 11 credit units of the diploma curriculum. They include modules in communication, innovation and world issues, as well as an interdisciplinary project. By bringing students from diverse diplomas together, the interdisciplinary project fosters collaboration to explore and propose solutions for real-world problems. IS aims to develop students to be agile and self-directed learners, ready for the future workplace.

^{^*} For selected students only.

To keep our curriculum current and robust, diploma modules are subject to change over the three years. Please visit our website for latest updates.



CROSS DISCIPLINARY PROJECT NOMINATED FOR NATIONAL AWARD

After noticing the high burnout rates by caregivers of persons with dementia, Class of 2019 Nursing graduates Yan Pei Ling, Yew Chin Ning, Ashley Chee and Daryl Puan collaborated with their peers from NP's Information Security & Forensics course to develop a multi-sensory therapy device for individuals with dementia. Known as "halcyon.", it was shortlisted for the Lee Hsien Loong Interactive Digital Media Smart Nation Award 2019. The device includes a digital game, web application and a handheld therapeutic device, which helps patients to engage with their five senses. It also tracks the patient's behavioural patterns, which allows therapists and doctors to administer treatment when necessary.

CAREER

With a consistent demand for healthcare professionals, you will enjoy good job prospects at healthcare institutions and in other related industries. You can also pursue a career in the pharmaceutical, life sciences, biomedical and clinical research industries.

FURTHER STUDIES

You will be able to pursue degrees at accredited universities both locally and abroad. For example, 48 NP Nursing graduates have been admitted directly into the second year of the nursing degree course at NUS. Alternatively, you can choose to further your knowledge in a particular field by taking up advanced diplomas in areas such as Perioperative Nursing, Chronic Disease Management and Critical Care Nursing, or a Specialist Diploma in Palliative Care Nursing or Community Gerontology Nursing.

Furthermore, you can apply for a Bachelor of Science with Honours in Nursing at the Singapore Institute of Technology (SIT). The two-year post-registration programme is jointly offered by SIT and the University of Glasgow (UofG). Co-created and designed with inputs from practice partners and the Ministry of Health, the programme is accredited by the Singapore Nursing Board (SNB) from Feb 2020 to Feb 2025. In 2020, 48 NP Nursing graduates were successfully enrolled in this degree programme.

Our graduates may also pursue degrees in arts, social sciences, psychology, law, biological and life sciences, accounting and more at National University of Singapore, Nanyang Technological University, and Singapore Management University.

In 2020, five HS graduates made the transition to other academic fields in NTU, and are taking degrees in Biological Sciences, Chinese, and Sports Sciences & Management.

ENTRY REQUIREMENTS

Aggregate Type ELR2B2-C

To be eligible for consideration, candidates must have the following GCE 'O' Level examination (or equivalent) results.

Subject	'O' level grade
English Language	1-7
Mathematics (Elementary/Additional)	1-6
Science	1-6
(with Physics, Chemistry or Biology component) or Biotechnology or Food & Nutrition or Human & Social Biology or Physical Science	

You must also fulfil the aggregate computation requirements for the ELR2B2-C Aggregate Type listed at www.np.edu.sg/admissions/Documents/ELR2B2.pdf

For students with other qualifications, please refer to the NP website for the entry requirements and admissions exercise period.

Due to the special requirements of the healthcare profession, all candidates have to pass a medical examination and be free from physical handicap.

CONTACT US

For the most up-to-date information on NP's Diploma in Nursing, log on to www.np.edu.sg/nsg

N83

DIPLOMA IN OPTOMETRY



Endorsed by the Singapore Optometrists & Opticians Board

- ◆ Gain professional skills in detecting, diagnosing and managing eye disorders
- ◆ Hands-on clinical training from your first year
- ◆ Hone your communication skills through clinical practice
- ◆ Attend off-campus classes delivered by eye care product manufacturers



Get latest updates
on course

WHAT THE COURSE IS ABOUT

If you are concerned with eye health, and would like to improve the quality of eye care in Singapore, look no further than our Diploma in Optometry (OPT). You could be on your way to become an optometric practitioner to help diagnose eye disorders and prescribe optical treatments. OPT trains you for this important role. In addition, our broad-based curriculum enables you to explore opportunities in fields other than health services. You also get to learn firsthand from industry experts through off-campus classes and internships, right from the first year.

Practice-oriented Learning

In our diploma, you don't necessarily learn everything from textbooks. You get to learn from professionals too – you will be trained by practising optometrists to examine eyes, test sight and diagnose visual problems. You will learn to prescribe and dispense spectacles and contact lenses, as well as recommend eye treatments.

By working alongside qualified optometrists to diagnose and manage patients at our Optometry Centre, you will gain valuable real-world knowledge. Plus, you get to go on a 16-week internship with an optical retail practice, ophthalmology clinic or eye care product company.

Broad-based Curriculum

Our curriculum covers topics such as biostatistics & research methods, communication in practice, patient management and optometric retail management. It will equip you with the skills you need to manage patients effectively, or even run a retail business.

Off-campus Classes & Industry Workshops

You will get to attend off-campus classes conducted by our industry partners such as Essilor Singapore and Menicon. Multinational corporations in eye care products will also offer you specialised product training and expose you to the latest eye care products and technology.



My greatest takeaway from my internship as a student optometrist was being able to witness the entire process of ortho-k fitting and after-care sessions for young kids, as well as assuring parents on the steps they can take to take care of their child's eyesight! I also had ample opportunities to conduct eye examinations on adults and children. My internship experience has helped to sharpen the practical and communication skills needed for my future career in optometry.



Glennys Beh
Diploma in Optometry, Class of 2020

WHAT YOU WILL LEARN

YEAR 1

- General Anatomy & Physiology
- Geometrical & Physical Optics
- Introduction to Data Analytics with Excel
- Ocular Anatomy & Physiology
- General Pathology & Diseases
- Ocular Health Assessment & Disease Management 1
- Refraction
- Ophthalmic Optics & Dispensing
- Health & Wellness[^]
- Innovation Made Possible[^]
- Communication Essentials[^]
- English Language Express ^{^*}

YEAR 2

- Ocular Health Assessment & Disease Management 2
- Contact Lens & Fitting 1 & 2
- Ophthalmic Dispensing & Prescribing
- Visual Perception & Instrumentation
- Biostatistics & Research Methods
- General Clinical Practice 1
- Binocular & Paediatric Vision
- Communication in Optometric Practice
- World Issues: A Singapore Perspective[^]

YEAR 3

- Contact Lens Clinical Practice 1 & 2
- General Clinical Practice 2 & 3
- Optometric Practice Management & Ethics
- Healthcare Career & Professional Preparation (Optometry)
- Ophthalmic Pharmacology
- Four-month Internship
- Project ID: Connecting the Dots[^]

[^] Interdisciplinary Studies (IS) modules account for 13 credit units of the diploma curriculum. They include modules in communication, innovation and world issues, as well as an interdisciplinary project. By bringing students from diverse diplomas together, the interdisciplinary project fosters collaboration to explore and propose solutions for real-world problems. IS aims to develop students to be agile and self-directed learners, ready for the future workplace.

^{^*} For selected students only.

To keep our curriculum current and robust, diploma modules are subject to change over the three years. Please visit our website for latest updates.

CAREER

As an Optometry graduate, you can land rewarding roles in optometry retail and private practices which draw attractive salaries. Alternatively, you could also work at ophthalmology clinics, eye care product companies, research centres and hospitals.

FURTHER STUDIES

As an Optometry graduate, you will be able to pursue related degree programmes at universities such as:

- Aston University (UK)
- Cardiff University (UK)
- University of Manchester (UK)
- Queensland University of Technology (Australia)
- University of New South Wales (Australia)

You may also choose to take an overseas optometry degree programme locally:

- Aston University (UK) by Parkway College

Our graduates also have the option to pursue degrees in arts, social sciences, business administration, communications and new media, and more at the National University of Singapore, Nanyang Technological University, Singapore University of Social Sciences, and Singapore Institute of Technology.



“

My four-month internship has given me insights into my future in the Optometry industry. I am grateful for good connections that I have made with my colleagues, as well as the opportunities to improve myself through interactions with customers and patients.

”

Goh Kheng Yan
Diploma in Optometry, Class of 2020

ENTRY REQUIREMENTS

Aggregate Type ELR2B2-C

To be eligible for consideration, candidates must have the following GCE 'O' Level examination (or equivalent) results.

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English Language	1-7
Mathematics (Elementary/Additional)	1-6
Science	1-6
(with Physics, Chemistry or Biology component) or Biotechnology or Food & Nutrition or Human & Social Biology or Physical Science	

You must also fulfil the aggregate computation requirements for the ELR2B2-C Aggregate Type listed at www.np.edu.sg/admissions/Documents/ELR2B2.pdf

For students with other qualifications, please refer to the NP website for the entry requirements and admissions exercise period.

Candidates with severe vision deficiency should not apply for the course.

CONTACT US

For the most up-to-date information on NP's Diploma in Optometry, log on to www.np.edu.sg/opt

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