

SCHOOL OF CHEMICAL & LIFE SCIENCES



EXPLORING NEW HORIZONS

Fascinated by the mysteries of life? Ever dreamt of creating new drugs or cutting-edge chemicals to benefit mankind? Then, let your passion and curiosity for science take flight at our School of Chemical & Life Sciences (SCL).

Choose from a diverse selection of exciting courses that cover a wide range of scientific disciplines, and learn how to make vaccines, pharmaceutical capsules and even solar panels. At SCL, you'll be trained to become a versatile and highly skilled technologist, well sought-after by the world's leading industry players.

Why Chemical & Life Sciences?

- Be at the cutting-edge of science and exciting technologies that's changing the world we live in.
- Attain valuable skills and knowledge that will place you in high demand in the high-growth biomedical, pharmaceutical, alternative energy and food industries.

Why SCL?

- Learn new technologies that will empower you to excel in your field.
- Benefit from the latest high-tech life sciences facilities, with extensive hands-on training in state-of-the-art and industry-standard laboratories.
- Work with leading biotech, pharmaceutical, chemical and food companies.
- Gain valuable practical experiences in our Bioinnovation Centre, Teaching Drug Store, Food Science Pilot Plant and Application Labs, and Chemical Pilot Plant on campus.

Industry-linked

Benefit from our strong links to key industry partners including:

- bioMérieux Pte Ltd
- Eu Yan Sang International Limited
- ExxonMobil Asia Pacific Pte Ltd
- Hyflux Ltd
- Pall Filtration Pte Ltd
- Pfizer Asia Pacific
- Schering-Plough (Singapore)
- Shell Eastern Petroleum
- Sin Hwa Dee Foodstuff Industries Pte Ltd
- Yokogawa Engineering Asia

Minimum Entry Requirements

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|-----------------------------------------|-------------|
| a) English Language | Grade 1 - 7 |
| b) Elementary or Additional Mathematics | Grade 1 - 6 |
| c) A relevant Science subject | Grade 1 - 6 |

Enquiry Hotlines

Please contact us at **6550 0509/0511/0512** for enquiries on the following courses:

- Diploma in Biologics & Process Technology
- Diploma in Chemical & Green Technology
- Diploma in Chemical & Pharmaceutical Technology

Please call **6550 1500** for enquiries on the following courses:

- Diploma in Food Science & Nutrition
- Diploma in Medicinal Chemistry
- Diploma in Molecular Biotechnology
- Diploma in Pharmaceutical Sciences

You can also visit www.nyp.edu.sg/scl for more information.

JAE CODE:
C73

DIPLOMA IN **CHEMICAL & PHARMACEUTICAL TECHNOLOGY**

A synergistic fusion of chemistry, biotechnology, maths, process control, engineering, IT and people skills, the Diploma in Chemical & Pharmaceutical Technology will shape you into a dynamic, creative and highly skilled professional.

From small experiments to industry-scale operations, you will enjoy practical training in our high-tech facilities and specially designed Pilot Plant, which comprises both industry-standard petrochemical and pharmaceutical process units. Through a combination of project work, industrial attachments and practical training, you will learn about the processes involved in petroleum refining, chemical plant operations and pharmaceutical technology.

This fits me to a T!

This is the course for you, if you're:

- Fascinated by chemistry
- Interested in how chemical compounds can be transformed into useful everyday products and life-saving drugs

What will I learn?

- The latest chemical and pharmaceutical production technologies
- Valuable practical skills and expertise at NYP's state-of-the-art Chemical Pilot Plant and fully equipped laboratories
- Interesting electives such as Petrochemical Processes or Pharmaceutical Processes in your final year

I want a great career!

Enriching and challenging careers await you in exciting industries like the:

- Oil and Gas Industry
- Pharmaceutical Industry
- Specialty Chemicals Industry
- Process Design & Product Development Companies
- Environmental Technical Services

Uni, here I come!

Join the ranks of our high-flying graduates, many of whom go on to pursue further studies at a university. Your diploma will be a stepping stone to a range of degree programmes at local and overseas universities, such as:

Australia

- University of Queensland
- University of Newcastle

Europe

- University of Bradford



"NYP has provided me with three wonderful years of enriching education. My NYP journey has been an enlightening, edifying and fun-filled experience. I learned a lot from the team of dedicated lecturers who willingly go the extra mile to help their students. My hands-on experience using the vast range of equipment offered by NYP and its conducive environment allowed me to stretch my limits and accomplish beyond my goals."

Rahmathunnisa Mohamed Maideen

Diploma in Chemical & Pharmaceutical Technology
(with Merit)
Class of 2011

Lee Kuan Yew Award Winner
MSD International Gold Medallist

