

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:

C55

DIPLOMA IN **CHEMICAL & GREEN TECHNOLOGY**

Tackle the challenges of climate change and our changing environment with the Diploma in Chemical & Green Technology. In this course, you will master two engineering disciplines – Chemical Technology and Environmental Technology.

Study exciting technologies such as water treatment, waste management and clean energy sources like Biofuels and solar energy, to create an environmentally sustainable world, and be at the forefront of both the chemical and environment industries.

This fits me to a T!

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

- Keen to ride on the next wave of the up-and-coming water technology and clean energy industries
- Passionate about preserving nature's resources
- Enjoy hands-on problem-solving work

What will I learn?

- Water treatment and pollution control methods
- Green energy resources, such as solar energy, fuel cell and biofuel technologies
- Basic chemical processes and their applications

"My passion for conserving and protecting the environment has led me to enrol in NYP's Diploma in Chemical & Green Technology. Through this course, I've learned about how chemical plants are run, about environmental engineering and science, and the methods of improving chemical processes to be more "environmentally friendly". This course strengthens the pillars of my passion and encourages me in my efforts to create environmental awareness within NYP and beyond."

Jason Chin Ting Yi

Diploma in Chemical & Green Technology
Year 2

I want a great career!

You can look forward to an exciting career in:

- Chemical and Water/Wastewater Treatment Plants
- Environmental & Chemical Testing Laboratories
- Quality Control
- Project Management
- Research & Development

Uni, here I come!

With this diploma, you will be able to go on to pursue a Bachelor's degree at overseas or local universities, including:

- National University of Singapore
- Nanyang Technological University

