

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:
C69

DIPLOMA IN **FOOD SCIENCE & NUTRITION**

NYP's Diploma in Food Science & Nutrition gives you a comprehensive foundation in food & nutrition science and its impact on the food & beverage and healthcare industries. In this course, you will learn about food safety and quality, food chemistry and microbiology, product development, food ingredients and applied nutrition science.

In addition to learning the science involved in the food and nutrition industry, you'll also learn the principles of doing business and marketing to better understand the competitive food business.

This fits me to a T!

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

- Curious about the link between spices and flavours
- Interested in the interaction between science and business in the food & beverage industry

What will I learn?

- Food Safety and Quality, including international legislation and standards regulating the F&B industry
- Applied Nutrition Science, including nutrition formulation in food preparation, nutrition labelling requirements and nutrition management
- Innovation in Product Development and Markets, including marketing and branding
- Economics of the F&B industry

I want a great career!

Upon graduation, you can look forward to exciting careers in:

- Food Product Development and Sensory Evaluation
- Dietetics and Nutrition
- Public Health and Community Nutrition
- Market and Technological Innovation
- Product and Process Development

Uni, here I come!

You have the option to enrol in the Singapore Institute of Technology's degree programme in Food & Human Nutrition offered by UK's Newcastle University in NYP. This is a two-year accelerated programme, in which you can obtain your Bachelor of Science (Honours) in Food & Human Nutrition.

In addition, you also have an array of other choices when it comes to university courses, including degrees in Food Science, Food Science & Technology, Food Marketing, Food Technology, Food Science & Nutrition, and Nutrition & Dietetics, at local and overseas universities. These include:

Singapore

- National University of Singapore
- Nanyang Technological University

Australia

- University of New South Wales
- University of Melbourne
- University of Queensland
- University of Sydney
- Curtin University of Technology

New Zealand

- Massey University

United States

- St. Joseph's University



"NYP's Food Science & Nutrition programme gave me ample opportunities to improve my technical skills through their practical sessions. This has prepared me well for the workforce and to perform effectively in my job. We also have the chance to make many field trips and even an overseas trip to Australia. It was an eye-opening experience, as we toured food companies to understand how their processes work!"

Chen Jie Ying

Diploma in Food Science
Class of 2009

