

For Diploma in Biologics & Process Technology

NYP's Diploma in Biologics & Process Technology is for you if you want to be at the frontline of cutting-edge biopharmaceutical manufacturing technology. It is the only comprehensive standalone diploma in Singapore that focuses on biologics-manufacturing technology. It equips learners with competencies in operating and optimising processes in high-tech biologics, pharmaceutical and petrochemical processing. You can look forward to joining the growing biologics manufacturing sector which produces pharmaceuticals including vaccines, as well as medications against cancer, haemophilia, and autoimmune diseases.

Ideal Applicant:

Applicants should demonstrate:

- Interest in science and engineering, especially in pursuing a career in biologics, pharmaceuticals and/or the petrochemical industry;
- Experience in a school environment (e.g. through a CCA, a community activity or a class leadership position) where you worked on science projects or experiments, or in an external context (e.g. science competitions or online learning sites for science and technologies); and,
- Leadership, teamwork, critical thinking, creative, self-improvement and collaboration skills to develop innovative and creative solutions in the science and engineering domains.

Shortlisted applicants will be assessed as follows:

1. Interview

If you are shortlisted, you will be invited for an interview to share more about your passion for the course with a panel of interviewers. You will be assessed on your interest, aptitude, as well as your achievements in school or outside school. The duration of the individual interview will be about 20 minutes.

Some of the questions which you may be asked during the interview include:

- Have you taken part in any competition/CCA that is science-related?
- How was your experience in doing science experiments or projects in school?
- What aspects of biologics manufacturing fascinate you?
- What motivates you to take on a career in biologics manufacturing?
- What fascinates you in science and engineering-related topics?

2. Portfolio (Optional)

You should include in your portfolio any evidence and/or activities (e.g. science or technology-related competitions) that showcase your character and involvement (such as leadership skills).

Examples of what to include in your portfolio:

- Testimonials
- Certificates (e.g. academic, achievement and/or personal development)
- Awards or participation in science-related competitions, both at school or national level
- Evidence of science projects, (e.g. coursework or CCA)
- Relevant learning journeys or Applied Learning Module (ApLM) (previously known as Advanced Elective Modules - AEM)
- Evidence of leadership activities or roles