SIT offers new degrees in pharmaceutical engineering, IT security
By Alice Chia | Posted: 13 Jan 2015 15:00 | Updated: 13 Jan 2015 15:58

The university is touting two first-of-its-kind degree programmes in Singapore - Bachelor of Engineering with Honours in Pharmaceutical Engineering and Bachelor of Engineering with Honours in Information and Communications Technology (Information Security).

SINGAPORE: The Singapore Institute of Technology (SIT) on Tuesday (Jan 13) announced it is offering five new applied degree programmes, two of which were touted to be the first in Singapore.

The two programmes are the Bachelor of Engineering with Honours in Pharmaceutical Engineering and Bachelor of Engineering with Honours in Information and Communications Technology (Information Security). The other programmes are sustainable infrastructure engineering, systems engineering and hospitality business, the university said.

For the pharmaceutical engineering degree, the institution aims to train students to be competent in the development and manufacture of the two largest classes of pharmaceutical drugs - biologics and small molecule drugs.

As for the degree programme for Information and Communications Technology (Information Security), students will develop specialised knowledge and skills that can help protect organisations against cyber threats.

Additionally, the Bachelor of Engineering with Honours in Systems Engineering (ElectroMechanical Systems) is a joint degree programme with DigiPen Institute of Technology.

Students are trained to design and develop complex systems that can range from a single robot to an organisation of engineering elements such as a transportation system. They will get to spend a trimester at DigiPen Institute of Technology in the United States too.

All SIT degree programmes feature a strong industry component, including an Integrated Work Study Programme ranging from eight to 12 months, it said. Students will gain work experience in a company and have opportunities to work with the company and university faculty members on projects that help to solve problems in the industry.

The target intake for each new degree programme ranges from 50 to 100 students. Admission opened on Jan 12 and the first intake will start classes in September this year.