4.2.2.11 Joint Master of Science in Industrial Chemistry (NUS-TUM)(Full-Time)

Objective

This programme aims to groom future leaders in selected areas of technology. Specifically, the Masters of Science in Industrial Chemistry will be an enabling postgraduate course for specialist engineers for the pharmaceutical, as well as the fine and speciality chemical industries. The degree will be jointly awarded by Technische Universität München (TUM) and the National University of Singapore (NUS).

Admission Requirements

1. An applicant must have completed at least a 3-year Bachelor Degree (Honors) or European/German FH Diploma or its equivalent in areas of Chemical Engineering / Chemistry or closely related discipline from a university with recognized standing with at least a 2nd Upper Honors or equivalent.
2. The applicant must be able to demonstrate a satisfactory level of the language. Applicant whose native tongue or medium of instruction from previous studies (Bachelor / FH Diploma) is not English must submit the TOEFL result with a minimum of 605 for Paper-based test, or 88 for Internet-based test, or 234 for Computer-based test OR IELTS result of at least 6.5 OR CAE grade A, B, or C.
3. Additionally, an Akademische Prüfstelle (APS) certificate is required for applicants with education qualifications from China, Vietnam or Mongolia. The APS certificate is compulsory if your Bachelor studies was completed in a Chinese, Vietnamese or Mongolian university, regardless of nationality.

Curriculum and Course Structure

The Master of Science in Industrial Chemistry degree is a 20 month full-time programme. Students must complete 11 months of coursework with 3 months of internship placement and 6 months of Master Thesis / Dissertation.

In 11 months of coursework, candidates must successfully complete 2 pre-essential compulsory modules, 4 core modules, 6 elective modules, and 3 cross-discipline modules.

Continuation and Termination of Candidature

In order for a student to graduate on time, the student must obtain a minimum overall CAP score of 2.50. TUM-Asia will issue an academic warning to students if their CAP scores fall below 2.50. There is also a risk of candidature termination for failure in any modules if overall CAP score falls below 2.50.

Programme Intake

There is one intake per academic year in August.
More Information

For more details of the programme, please refer to: http://tum-asia.edu.sg/admissions/graduate/msc-industrial-chemistry/