

6.1 Degree programmes and requirements

Graduate Study

Master of Science Technopreneurship and Innovation Programme (M.Sc. TIP)

First of its kind in Asia-Pacific region

It is a transformational educational journey supported by experiential learning of the vital components of an entrepreneurship ecosystem, which involves interaction with entrepreneurs, mentors, innovators, intellectual property attorneys, venture capitalists, private investors, business leaders and relevant government agencies that lead them through an entire process of discovery and learning. The programme is a rigorous entrepreneurship education of “real-life” study and experiences that takes students through the entire venture creation cycle.

M.Sc. TIP is designed to stimulate entrepreneurial-minded students' existing creative drive and provide them with the knowledge and experience they will need to launch new products or businesses in today's competitive marketplace. It will prepare the students for entrepreneurial actions by developing their managerial and technical business skills, base of corporate contacts, and the experience and confidence that will enable them to succeed in their endeavors. This revolutionary programme is offered in two separate tracks, namely M.Sc. TIP (English) and M.Sc. TIP (Chinese).

M.Sc. TIP (English)

M.Sc. TIP (English) conducted by NTU is a one year full-time programme consisting of two segments – a four-month intensive segment and a six-month non-intensive segment. The programme is designed to provide each participant with a holistic entrepreneurship learning experience.

Through a unique TIP pedagogy designed with a potential entrepreneur in mind, it provides each candidate a wholesome learning experience through a combination of seminar workshops, case analysis, role-playing, active interaction, team-based learning, share-learn-teach approaches and experiential learning processes. Besides classes conducted at NTU, the programme brings students to three countries - US (Seattle, San Francisco), China (Beijing, Shanghai) and Malaysia for corporate visits, networking sessions and a business plan competition (in US) where M.Sc. TIP candidates may launch their business ideas by engaging the business community.

M.Sc. TIP (Chinese) 创业与创新硕士课程

M.Sc. TIP (Chinese) is a new programme modelled after NTU's highly sought-after M.Sc.(TIP). The programme is offered in Chinese and conducted in Singapore with corporate visits/networking sessions in China, Malaysia and US. The participants will take one year full-time study to complete their M.Sc. TIP degree. The curriculum consists of 14 courses (42 AUs).

Minor in Entrepreneurship Programme

First of its kind in Asia-Pacific region.

The Minor in Entrepreneurship is open to undergraduate students from across all disciplines of study in NTU. The programme is highly sought-after and class size is limited to 50 students.

This minor is purposefully and uniquely designed to equip and empower students with basic entrepreneurship skills, business acumen, and stamina to grow businesses. Students will develop an open mindset and realise that ideas that may appear like impossible dreams can be shaped into small and realisable phases. The course offers new perspectives, possibilities, and has been described as a ‘transformational learning experience’ by many past students. Lessons are conducted by business leaders, entrepreneurs, intellectual property lawyers and dedicated academics with venture experience.

Students will learn to appreciate that entrepreneurship is not just about starting a new business; it is a mindset. It is about taking advantage of opportunities that change brings along. Working with classmates from different schools, disciplines and stages of study, students are able to benefit from the exchange of ideas and opinions. Students are encouraged to present their analyses on case studies and team-based projects through role play, skit and drama.

As part of the course, students are exposed to social settings where one can meet and mingle with working professionals, government officers, and successful entrepreneurs. These types of forums include the NTU Entrepreneurship Speaker Series, NTU Entrepreneurship & Innovation High-Tea Networking Session, and the NTU Business Plan Competition.

The first phase of the minor takes the form of a three-day high impact leadership course specially designed for NTC by Outward Bound Singapore (OBS). Five intensive modules (EN101 – EN105) follow, all of which can be completed in a calendar year.