

MSC TIP modules open to PhD students in Trimester 2 AY2023-2024

Since AY2018 – 2019, NTU Entrepreneurship Academy (NTUpreneur), formerly known as Nanyang Technopreneurship Center, offers modules from its Master of Science in Technopreneurship & Innovation Programme (MSc TIP) to PhD students. The main objectives include encouraging research commercialisation and promoting the creation of deep tech-startups within the NTU community.

With a new curriculum incorporated into MSc TIP in AY2020 – 2021, NTUpreneur is pleased to continue to offer MSc TIP modules to PhD students. Equipped with knowledge, skillset and practical tools, students will not only develop an enterprising mindset but will also be able to apply their entrepreneurial knowledge systematically.

Modules offered:

Course Code	Title	Duration (hours)	AU
TP6006	Managing Growing Ventures	39	3
TP6101	Design and System Thinking	39	3
TP6202	Technology Commercialisation	39	3
TP6301	Venture Capital Investment	39	3
TP6402	Ecosystem Development	39	3

About Master of Science Technopreneurship & Innovation Programme (MSc TIP)

The MSc TIP focuses on educating and nurturing leaders for the entrepreneurship ecosystem, through academic knowledge acquisition, entrepreneurial mindset cultivation, and business skillset development. It empowers participants to be competent in leveraging technology advancements to create social and economic value for the society.

Emphasising experiential learning, MSc TIP integrates the knowledge of emerging technologies and innovative business models and practices into its curriculum. The course covers strategic and operational issues of entrepreneurial ventures at their different growth stages. Participants have opportunities to engage with various stakeholders in the entrepreneurship ecosystem.

TP6006 Managing Growing Ventures

This module introduces the framework of entrepreneurial management and strategies for startups seeking venture growth. Related topics of leadership, operations, human resources, supply chain, legal and regulatory issues are discussed in a 'hands-on' format.

TP6101 Design and System Thinking

This module discusses the roles that innovation and design play in entrepreneurship, including design thinking and the applications. System thinking knowledge and skills further enable students to develop a holistic way of managing and growing ventures.

TP6202 Technology Commercialisation

This module provides a platform to examine technology trends and key issues in commercialising

inventions and innovations, with an emphasis on successful transfer of technologies from a research environment to commercialise into successful products or services.

TP6301 Venture Capital Investment

This module introduces a systematic framework and related techniques pertaining to venture capital investment as a profession. Participants learn to develop an advanced level of skills on venture valuation and investment decision making.

TP6402 Ecosystem Development

This module discusses various elements that foster successful ecosystems – universities, accelerators, incubators, venture capital, banks, labor laws, intellectual property rights, etc., and the winning strategies.

Timetable

TP6006 Managing Growing Ventures

Instructor: [Assoc Prof Michael Li Zhi-Feng](#)

<u>Session</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Remarks</u>
1	14-Nov-2023	Tuesday	9.30am - 12.45pm	
2	21-Nov -2023	Tuesday	9.30am - 12.45pm	
3	28-Nov -2023	Tuesday	9.30am - 12.45pm	
4	05-Dec-2023	Tuesday	9.30am - 12.45pm	
5	12-Dec -2023	Tuesday	9.30am - 12.45pm	
6	19-Dec -2023	Tuesday	9.30am - 12.45pm	
7	09-Jan-2024	Tuesday	9.30am - 12.45pm	
8	09-Jan-2024	Tuesday		TEL Session*
9	16-Jan-2024	Tuesday	9.30am - 12.45pm	
10	23-Jan-2024	Tuesday	9.30am - 12.45pm	
11	30-Jan-2024	Tuesday	9.30am - 12.45pm	
12	06-Feb-2024	Tuesday	9.30am - 12.45pm	

TP6101 Design and System Thinking

Instructor: [Dr Heng Kok Hui, John Gerard](#)

<u>Session</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Remarks</u>
1	16-Nov -2023	Thursday	1.45pm - 5.00pm	
2	23-Nov-2023	Thursday	1.45pm - 5.00pm	
3	30-Nov -2023	Thursday	1.45pm - 5.00pm	
4	07-Dec-20 23	Thursday	1.45pm - 5.00pm	
5	12-Dec -2023	Tuesday	1.45pm - 5.00pm	
6	21-Dec -2023	Thursday	1.45pm - 5.00pm	
7	11-Jan-2024	Thursday	1.45pm - 5.00pm	
8	18-Jan-2024	Thursday	1.45pm - 5.00pm	
9	25-Jan-2024	Thursday	1.45pm - 5.00pm	
10	01-Feb-2024	Thursday	1.45pm - 5.00pm	
11	08-Feb-2024	Thursday	1.45pm - 5.00pm	
12	15-Feb-2024	Thursday	1.45pm - 5.00pm	

TP6202 Technology Commercialisation

Instructor: [Dr Lim Keng Hui](#), [Dr Li Wei](#)

<u>Session</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Remarks</u>
1	16-Nov-2023	Thursday	6.30pm - 9.45pm	Dr Lim Keng Hui
2	23-Nov-2023	Thursday	6.30pm - 9.45pm	Dr Lim Keng Hui
3	25-Nov-2023	Saturday	9.30am - 12.45pm	Dr Lim Keng Hui
4	30-Nov-2023	Thursday	6.30pm - 9.45pm	Dr Lim Keng Hui
5	02-Dec-2023	Saturday	9.30am - 12.45pm	Dr Lim Keng Hui
6	07-Dec-2023	Thursday	6.30pm - 9.45pm	Dr Lim Keng Hui
7	10-Jan-2024	Wednesday	9.30am - 12.45pm	Dr Li Wei
8	17-Jan-2024	Wednesday	9.30am - 12.45pm	Dr Li Wei
9	24-Jan-2024	Wednesday	9.30am - 12.45pm	Dr Li Wei
10	31-Jan-2024	Wednesday	9.30am - 12.45pm	Dr Li Wei
11	07-Feb-2024	Wednesday	9.30am - 12.45pm	Dr Li Wei
12	14-Feb-2024	Wednesday	9.30am - 12.45pm	Dr Li Wei

TP6301 Venture Capital Investment

Instructor: [James Jin](#)

<u>Session</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Remarks</u>
1	11-Dec-2023	Monday	9.30am - 12.45pm	
2	13-Dec-2023	Wednesday	9.30am - 12.45pm	
3	14-Dec-2023	Thursday	9.30am - 12.45pm	
4	18-Dec-2023	Monday	9.30am - 12.45pm	
5	20-Dec-2023	Wednesday	9.30am - 12.45pm	
6	21-Dec-2023	Thursday	9.30am - 12.45pm	
7	22-Jan-2024	Monday	9.30am - 12.45pm	
8	23-Jan-2024	Tuesday	1.45pm - 5.00pm	
9	25-Jan-2024	Thursday	9.30am - 12.45pm	
10	29-Jan-2024	Monday	9.30am - 12.45pm	
11	30-Jan-2024	Tuesday	1.45pm - 5.00pm	
12	01-Feb-2024	Thursday	9.30am - 12.45pm	
	19-Feb-2024	Monday	9.30am - 11.30am	Examinations

TP6402 Ecosystem Development

Instructors: [Julia Wang](#), [Hugh Mason](#)

<u>Session</u>	<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Remarks</u>
1	15-Nov-2023	Wednesday	9.30am - 12.45pm	Julia Wang
2	22-Nov-2023	Wednesday	9.30am - 12.45pm	Julia Wang
3	29-Nov-2023	Wednesday	9.30am - 12.45pm	Julia Wang
4	06-Dec-2023	Wednesday	9.30am - 12.45pm	Julia Wang
5	15-Dec-2023	Friday	9.30am - 12.45pm	Julia Wang
6	22-Dec-2023	Friday	9.30am - 12.45pm	Julia Wang
7	08-Jan-2024	Monday	1.45pm - 5.00pm	Hugh Mason
8	15-Jan-2024	Monday	1.45pm - 5.00pm	Hugh Mason
9	22-Jan-2024	Monday	1.45pm - 5.00pm	Hugh Mason
10	29-Jan-2024	Monday	1.45pm - 5.00pm	Hugh Mason

11	05-Feb-2024	Monday	1.45pm - 5.00pm	Hugh Mason
12	15-Feb-2024	Thursday	9.30am - 12.45pm	Hugh Mason

***TEL Session:**

Technology-enhanced learning (TEL) is the application of technology to teaching and learning for enhancement of the learning experience. Through TEL, interactive course material such as video, audio will be posted on NTULearn course site for students to learn at their own pace online. Respective instructors will announce the details of TEL session before the session starts.

Class Mode

Except for TEL sessions and sessions otherwise indicated, class will be in person.

Class Venue

Nanyang Entrepreneurship Academy, Research TechnoPlaza, BorderX Block, #02-00

Note: Timetable and class venue are subject to change when necessary.

How to register:

- 1) Complete the Application Form
- 2) Submit the application form by email to tipen@ntu.edu.sg

Deadline for registration: Monday, 16 October 2023

Important Notes:

- 1) Prior approvals from respective PhD supervisor and school are required.
- 2) Students are required to meet the minimum attendance of 75%. Auditing of the course is NOT allowed.

For enquiry, please email to tipen@ntu.edu.sg