

Dual Degree Program in **Technology** & **Management**

Information Session

CAPTURING
THE **BEST** OF
BOTH WORLDS



Agenda

18:00 - 18:30 Program Overview
Prof. Betty Lin

18:30 - 18:50 Experience Sharing
Simar Ganger (DDP Year 5)

18:50 - 19:00 Q & A
All

CAPTURING
THE **BEST** OF
BOTH WORLDS



Program Overview

Prof. Betty LIN

Associate Director & UG Coordinator
Dual Degree Program in
Technology & Management























Why did we create T&M-DDP in 2003?

“All companies are now tech companies. In digitally transformed industries, technology is the underlying force that drives businesses forward. ...

The demand for tech talent continues to outstrip supply, and experts predict that the talent gap will continue to widen.”

“The global tech talent shortage: an in-depth look”,
Intersog.com, 13 June 2019

Most Innovative Company, 2023 Ranking

Rank		Change in Rank (1 year)	
1		—	
2		▲3	
3		—	
4		—	
5		▼3	
6		▲1	
7		▼1	
8		—	
9		Returned	
10		▲10	

Tech leaders are in short supply...

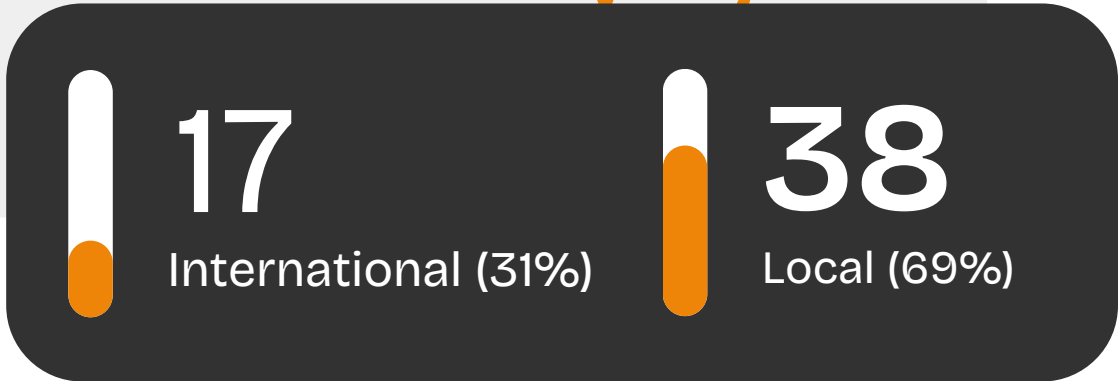
Dual Degree Program in
Technology & Management
grooms leaders to
capture the best
of both worlds





2024-25 New Dualers

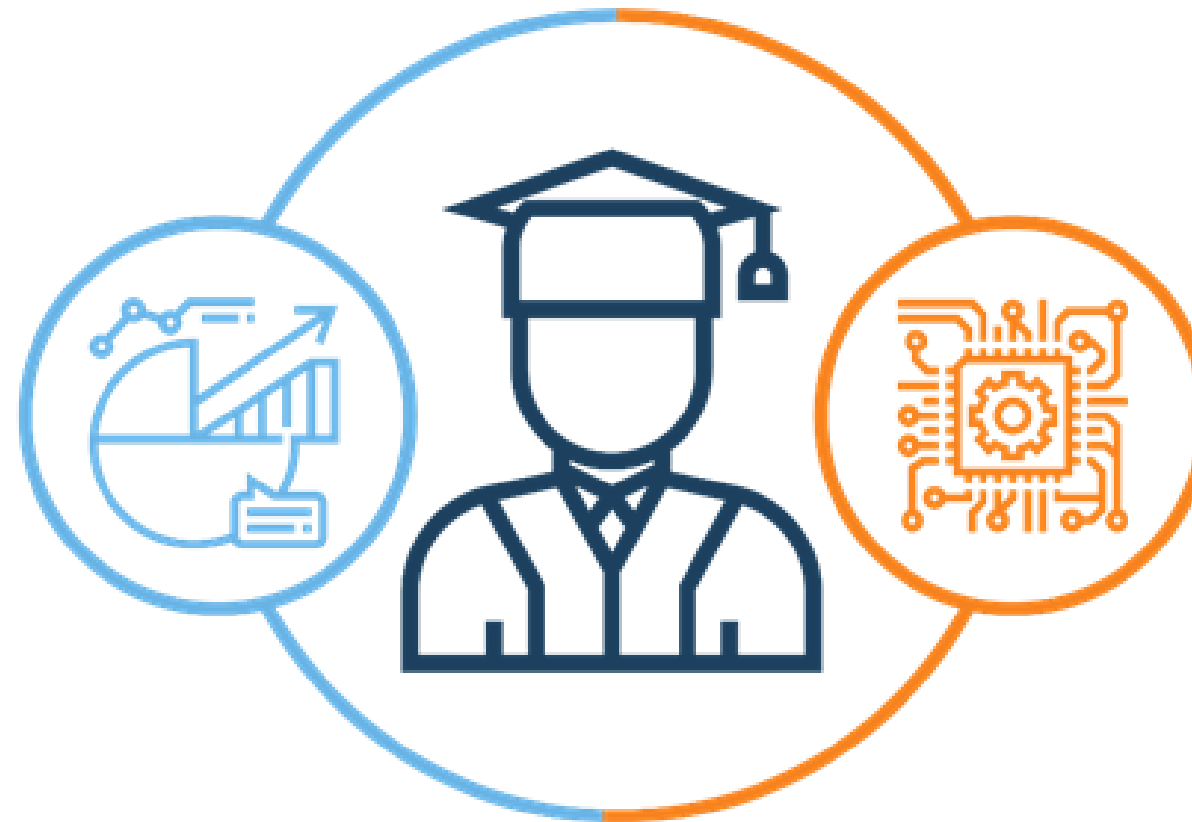
Diversified Background



T&M-DDP PROGRAM OPTIONS

Choose 1 of 6

- Economics
- Finance
- General Business Management
- Global Business
- Management
- Marketing



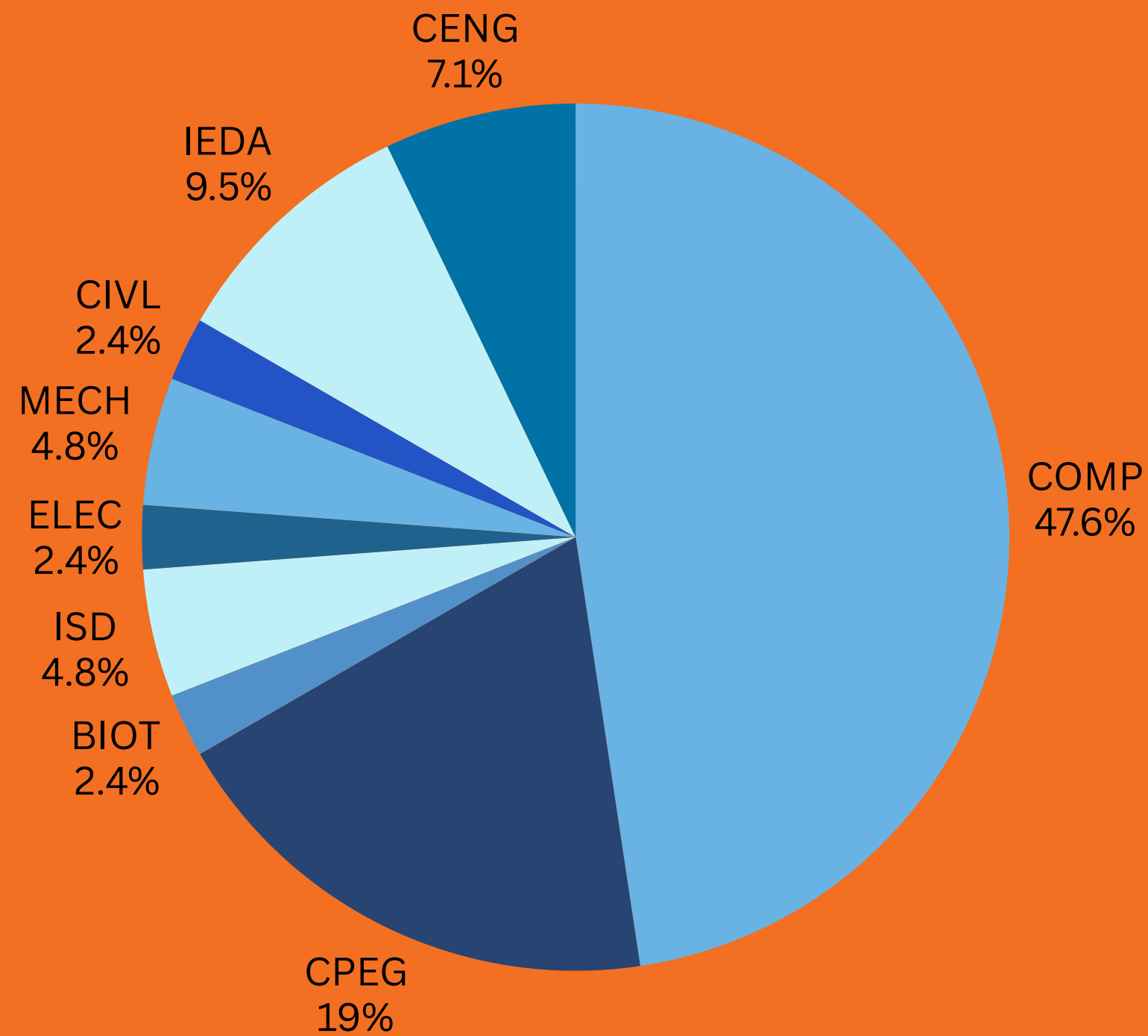
Eng./Sci.

Choose 1 of 13

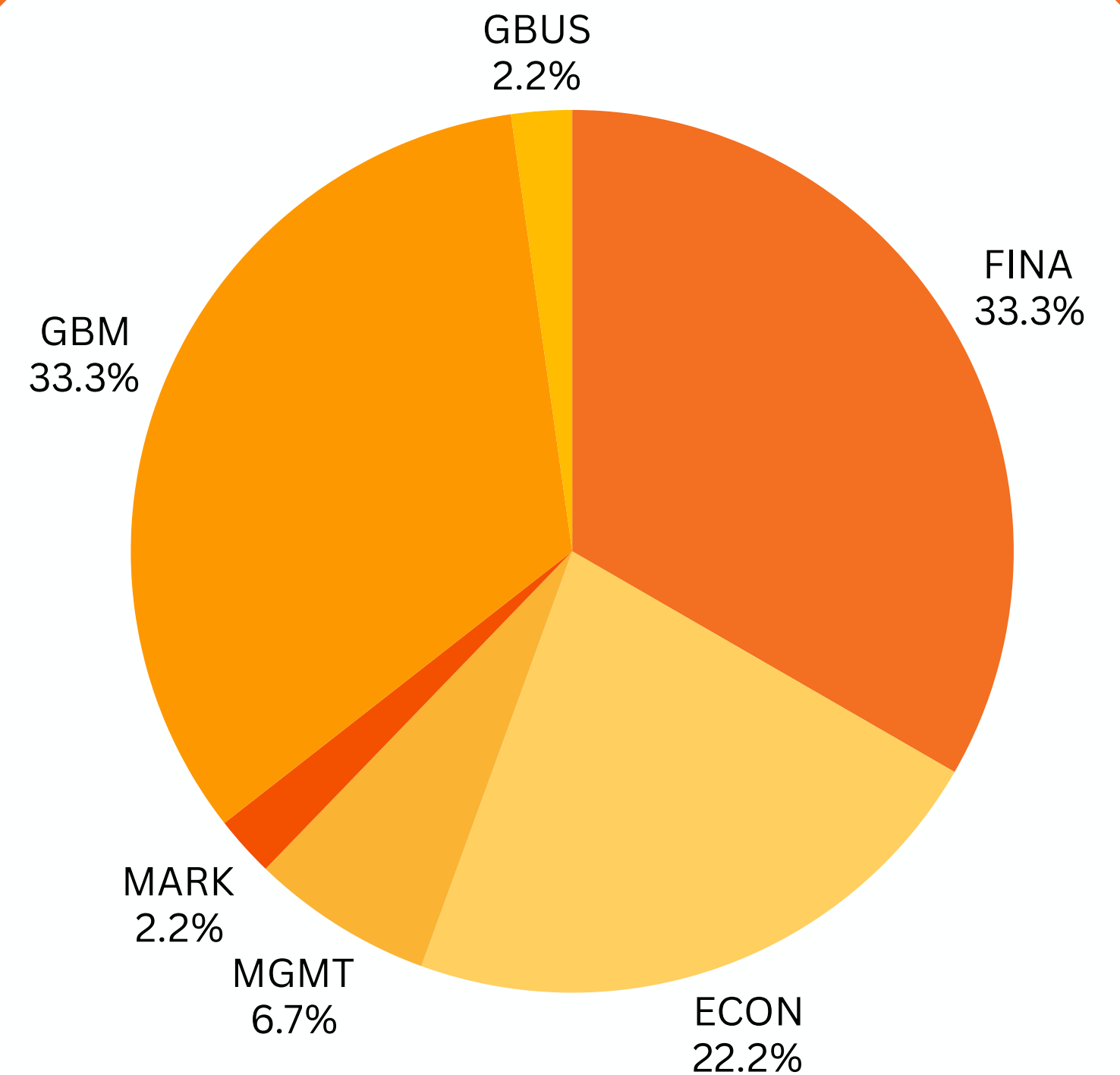
- Aerospace Eng.
- Bioengineering
- Chemical Eng.
- Civil & Environmental Eng.
- Civil Eng.
- Computer Eng.
- Computer Science
- Electronic Eng.
- Decision Analytics
- Industrial Eng. & Eng. Mgmt.
- Mechanical Eng.
- Integrative Systems & Design
- Biotechnology

Diversified Choice of Majors

BEng/BSc Major (Class of 2028)



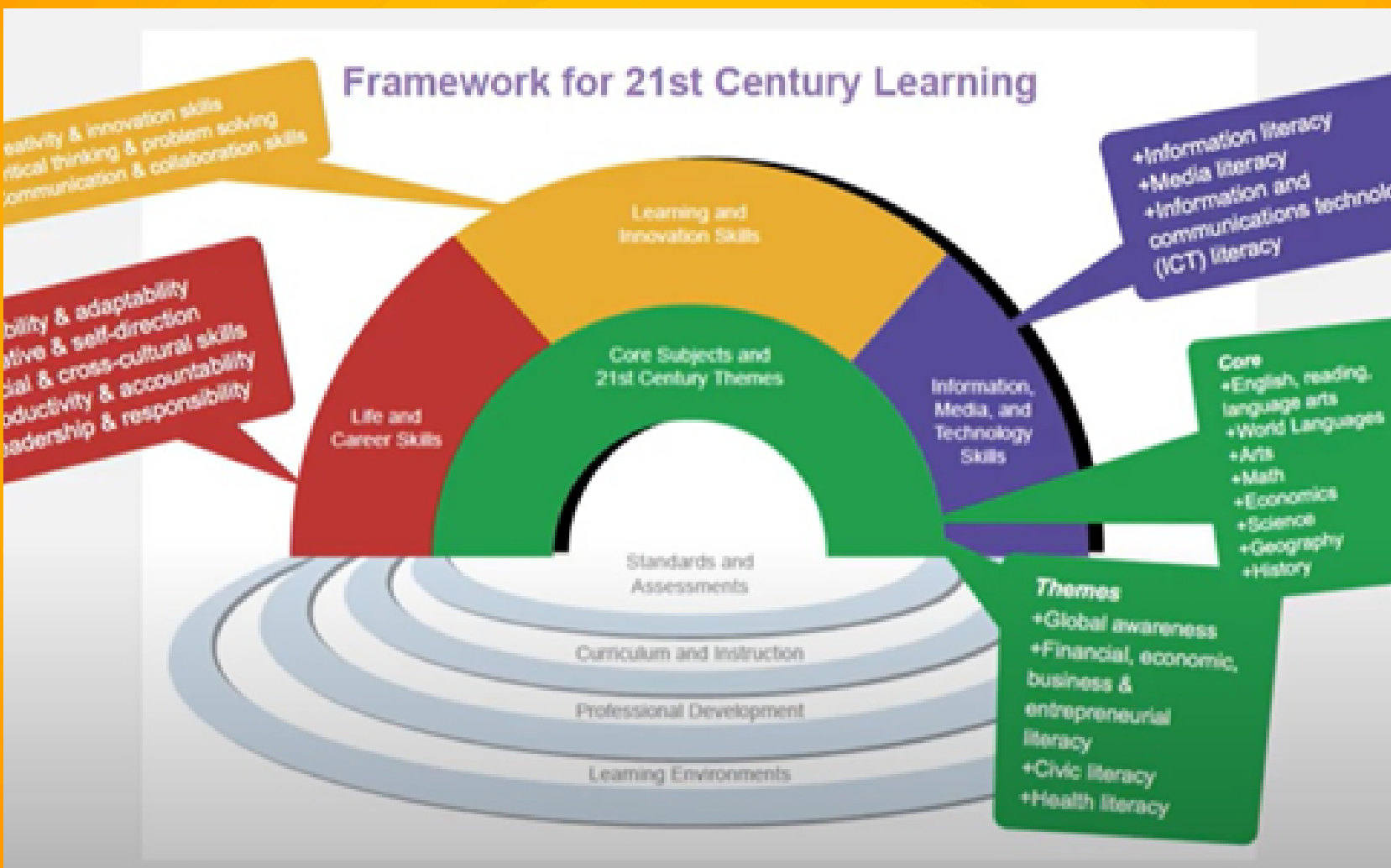
BBA Major (Class of 2027)

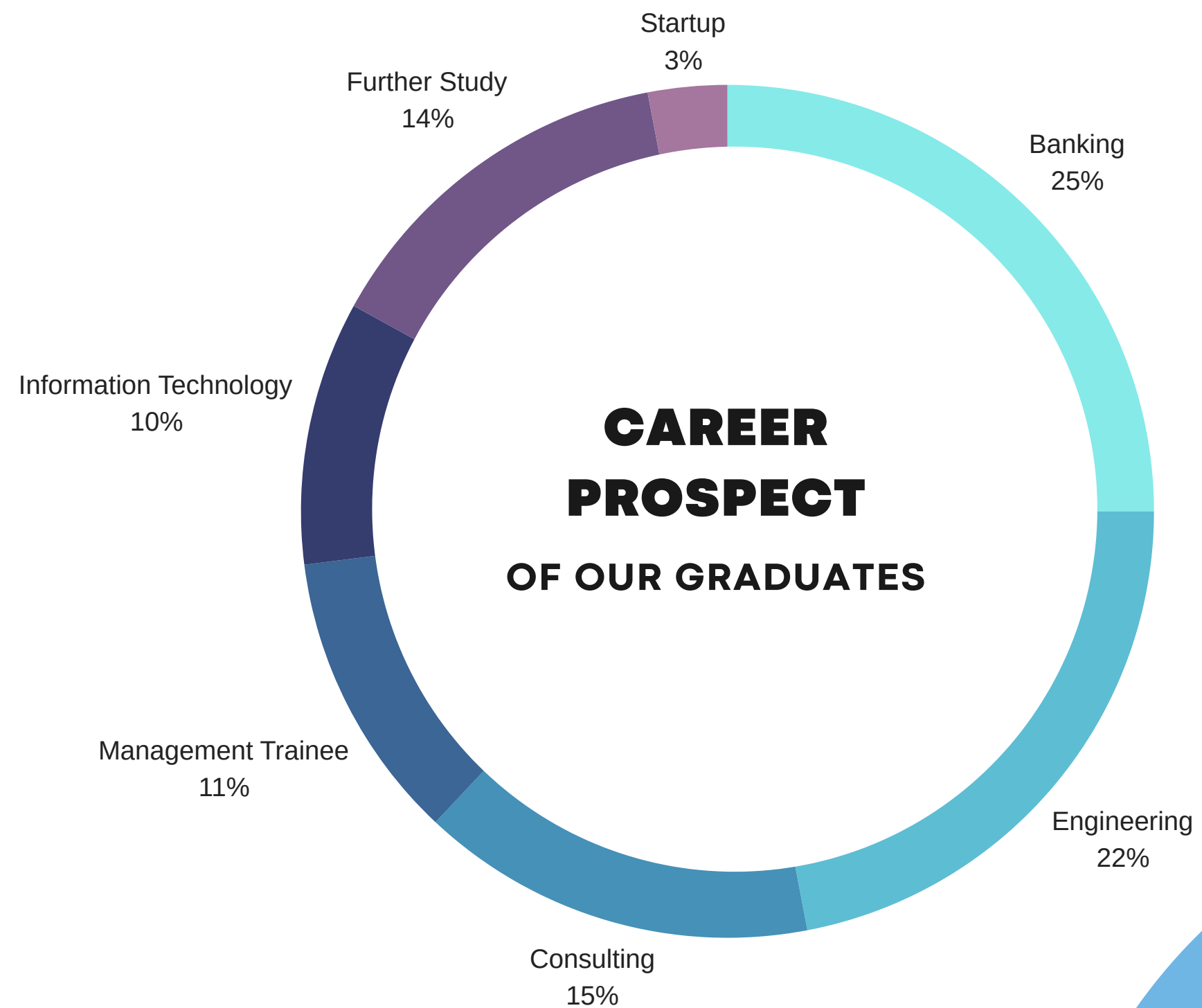


DDP Goal (2003)

DDP graduates are equipped with the following:

- Critical thinking & problem solving skills
- Communication skills
- Collaboration & leadership capability
- Cultural appreciation & international exposure
- Broad-based training in Engineering and Business
- Entrepreneurial spirit
- Abilities in identifying appropriate technologies for new businesses
- Abilities in identifying business opportunities for new technologies





OUR GRADUATES - EXCITING CAREER CHOICES

ANALYST



Bruce HU
(**COGBM**, 2024)

Quant Research Analyst, QRT (2024+)
Quant Research Intern, QRT (2023)



Andrew ZHOU
(**COGBM**, 2024)

Derivatives Analyst, Goldman Sachs (2024+)
Offcycle Intern, Goldman Sachs (2022-23)



Robin LI
(**BEGBM**, 2022)

Strategy Analyst, ByteDance (2024+)
Associate, Bain & Co. (2022-24)

OUR GRADUATES - EXCITING CAREER CHOICES

I-BANKERS (CAREER PATHS)



Akshay PRAKASH

(**COGBM**, 2018)

Analyst, Goldman Sachs, Singapore (2018-21)
MBA (Full Scholarship), UCLA (2021-23)
iBank Associate, Moelis & Co., Los Angeles (2023+)



Katelyn WU

(**IEGBM**, 2016)

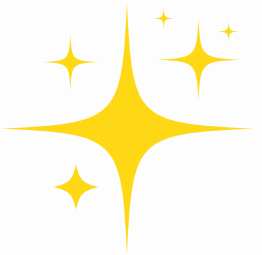
Associate, McKinsey & Co. (2016-20)
MBA, UPenn (2020-22)
VP, Private Equity, EQT Group, London (2022+)



Camary LAU

(**IEGBM**, 2014)

Analyst, JP Morgan (2014-18)
LLB, HKU (2018-2019)
Associate, Squire Patton Boggs (2019-24)
Legal Counsel, Leonteq (2024+)



ibanker / Consultant



Advanced Degree



Private Equity / Legal Counsel

OUR GRADUATES - EXCITING CAREER CHOICES

CORPORATE SENIOR EXECUTIVES



Swan Lu
(CEGBM, 2011)

Head of Innovation, Zurich Insurance (2011-13)
Global of Head of Business Dev, Allianz (2015-17)
Harvard MBA (2017-18)
CEO, Mobile Solutions, Zurich Insurance (2020-21)
Group Head of Biz. Dev, Zurich Insurance (2021+)

Young Global Leader @ World Economic Forum 2022



Shanshan Wang
(CIGBM, 2012)

Cambridge MPhil (2017-18)
Senior Engineer, Arup (2019+)
Chartered Environmentalist (2020)
Associate, Water Business Lead, ARUP SEA (2022-2024)
Senior Manager, Growth and Sales. Jacobs (2024+)

Young Engineer of the Year Award 2022

OUR GRADUATES - EXCITING CAREER CHOICES

ENTREPRENEURS



Jovian LING & Sunny WONG

(**EEGBM**, 2009) & (**CPGBM**, 2008)
Co-Founder, Chatbot.com.hk (2015+)
Ex iBankers at JP Morgan and Switzerland
Chatbot.com.hk
Chatalog.ai (Podcast.ai)

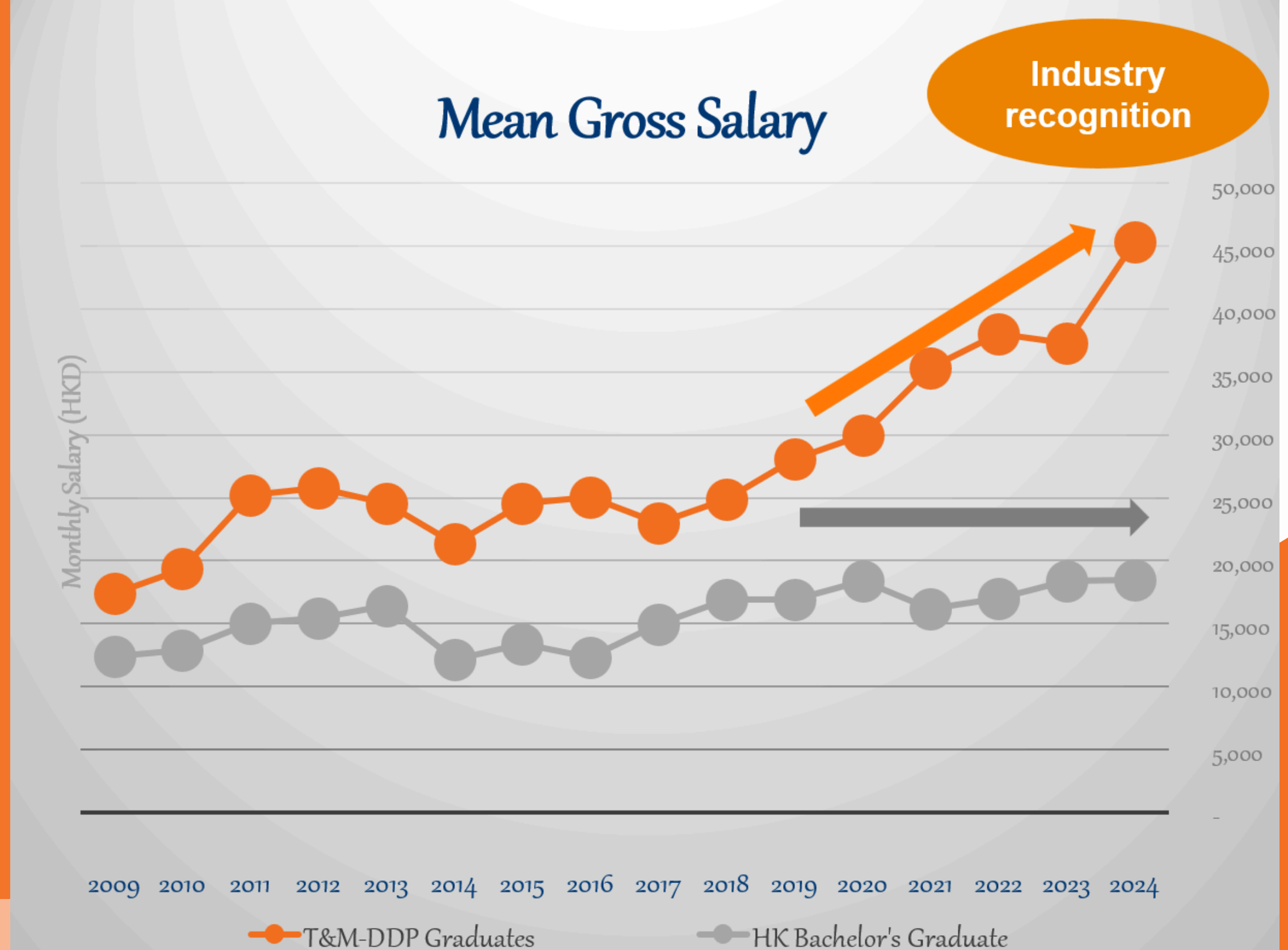


Jeff CHEN

(**MEGBM**, 2015)
CoFounder & CTO, Lumos Helmet (2014-18)
Harvard MBA || Harvard Master of Science (2018-2020)
ML Engineer, Apple (2020-21)
CTO, DelTron Intelligence (2021-22)
COO, Lumos Helmet (2022+)

Strong Reputation with Employers in HK & APAC

Statistics of 2022 as per DDP graduate survey & indeed.com



T&M-DDP Student Development Process



Courses and Activities offered by HKUST DUAL DEGREE PROGRAM in Technology & Management

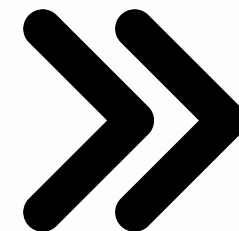


3D/2N Survival
Camp

TEMG3950



T&M Case Analysis
and
Product Innovation



High Impact
Presentation

TEMG4950



T&M Corporate
Consulting Project
for a client



Mock Interview with
DDP Alum

TEMG4940

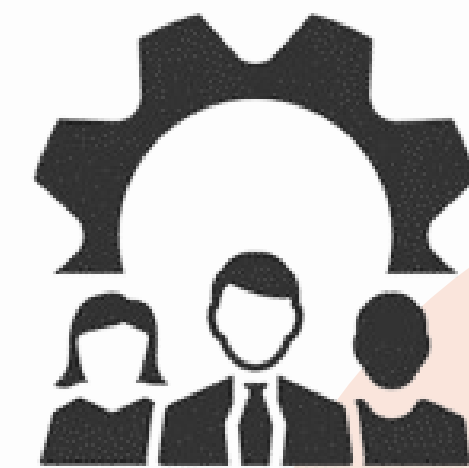


T&M Prototyping &
Desktop Research
for a client



Assessment Center
Stimulation Workshop

TEMG4970



T&M Int. Business Plan
Competition (IBPC)
Start-up Project



TEMG1010:
**SURVIVAL
CAMP**

TEMG1010: 15-mins Meeting with Faculty

Once per year

Objectives:

- Provide student advising in academics, career, personal growth
- Follow up with student's development

Content:

- 15-min 1 on 1 meeting with T&M-DDP faculty



Year 1



Year 2



Year 3



Year 4



Year 5



*Biotechnology
Advising

100% Attendance

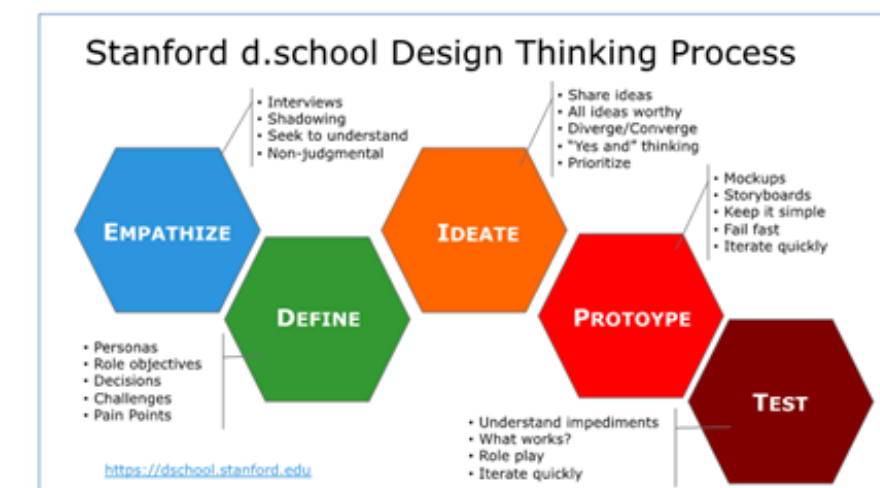
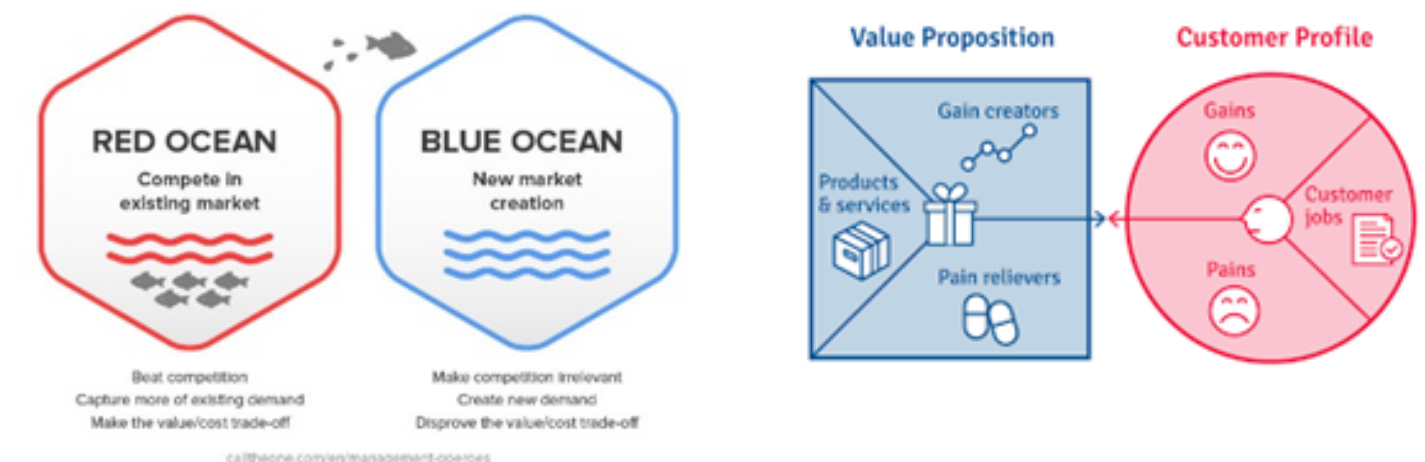
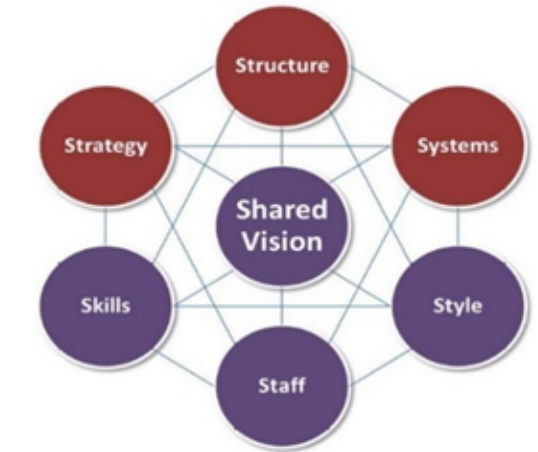
TEMG 3950: T&M Case Analysis and Product Innovation

Part I: Prof. Chi Ming --> Product Innovation

- Design Thinking
- Value Proposition Canvas
- Business Model Canvas
- Startup Pitching
- 1 Solution Design Project

Part II: Prof. Betty --> Case Analysis

- MECE Frameworks
 - Root Cause Analysis
 - 5-Step Persuasive Selling
 - Blue Ocean Strategies
 - 4 Short Cases + In-class Practice
-
- Student TA: Oscar Tse , Year 5 COFINA



TEMG 4950: T&M Corporate Consulting Project for a Client

Consulting Projects using McKinsey Methods:

Spr 24-25: "GenAI Strategy for UBS Wealth Management"

Fall 24-25: "Meta LLM for Viu Marketing"

Spr 23-24: "Advanced Air Mobility" for Arup Aviation

Fall 23-24: "ETF Sales Dashboard" for J.P. Morgan

Spr 22-23: "Google and Open Data Strategy for PCCW-HKT"

Fall 22-23: "Virtual Banking Strategies for livi"

Spr 21-22: "Urban Retrofit Services for ARUP"

Fall 21-22: "Future Transport Planning for TD"

Spr 20-21: "Precision Farming for BAYER Japan"

Fall 20-21: "GTM of FashionTech for Li & Fung in 3 Geo's"

Spr 19-20: "Digital Façade Inspection for ARUP"

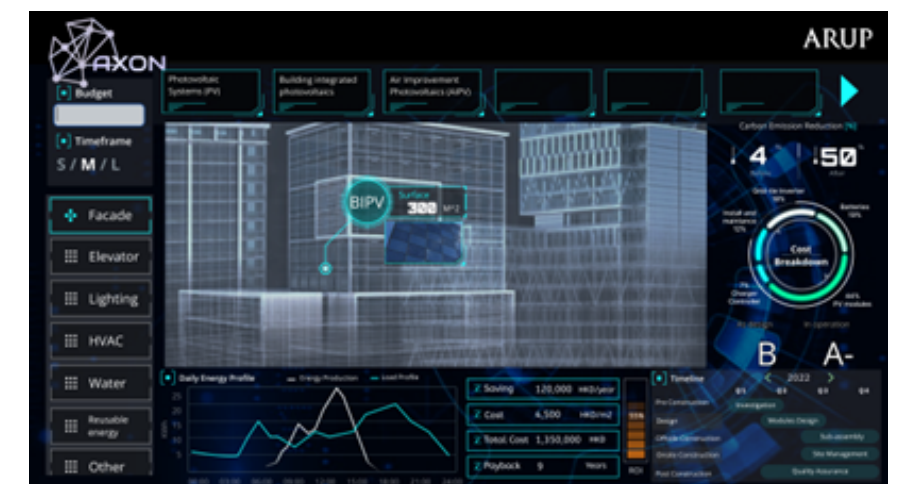
Fall 19-20: "O2O Strategies for 5 GOOGLE Industries"

...

Fall 08-09: "Empty Container Strategies for OOCL"



J.P.Morgan



TEMG4950E Arup Project:

8 Internships



TEMG4950G Bayer Project:

↙ 5 M.T. in Singapore ↘



TEMG 4940 (previously TEMG4952): T&M Prototyping & Desktop Research for a client

Corporate-sponsored Projects (T&M-DDP students only):

Summer 2022-23 TEMG4940C	1. T&M Prototyping of Bond Portfolio Builder using AI	iBank
Winter 2022-23 TEMG4940A&B	1. Smart Contract Research 2. Chatbot Prototyping	UBS APAC
Winter 2021-22 TEMG4952C	1. ML for Derivative Products Analysis 2. Venture Capital Research 3. Cloud Datastore Research	UBS APAC
Summer 2020-21 TEMG4952B	1. ML for Credit Rating Prediction	iBank
Winter 2020-21 TEMG4952A	1. ML for Fintech Prediction	UBS Zurich
Winter 2019-20 TEMG4000	1. ML for YY Startup Prediction 2. Issue Tracking for Trade Desk	UBS APAC
...		
Fall 2017-18 TEMG4000	1. Blockchain Prototyping	UBS APAC



TEMG4952B: ML for Credit Rating Prediction

↙ 2 Internships ↘





Global View

Universities from Four Continents



TEMG 4970

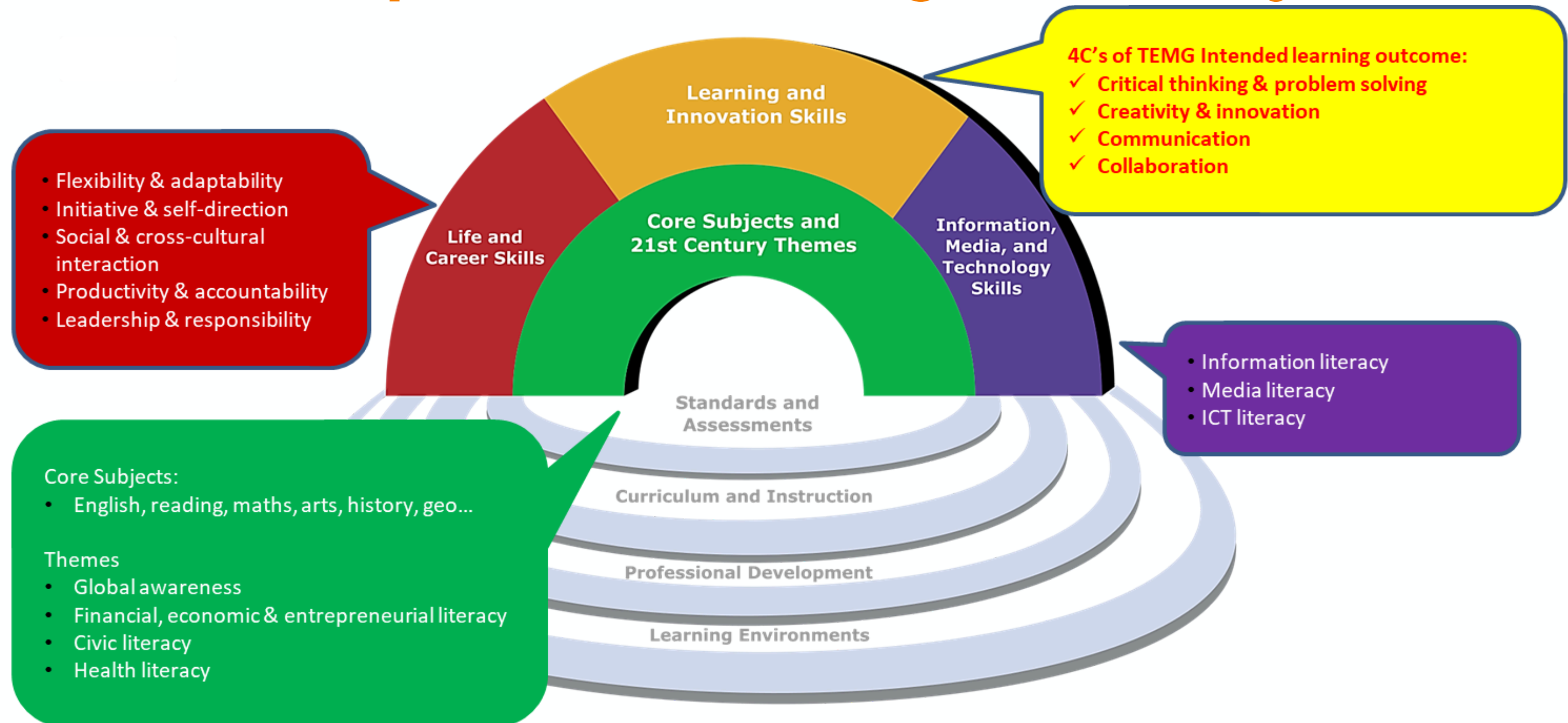
**T&M International Business Plan
Competition (IBPC) Start-up Project**

TEMG 4970 (previously TEMG4960) : T&M IBPC Start-up Project

Win 2024-25	Innovating the future of Transportation - 4U's (Austin, USA)
Sum 2023-24	The Future of Mobility and Logistics - 3U's (Singapore)
Win 2023-24	Startup for Greater Bay Area - 3U's (Guangzhou & Shenzhen)
Sum 2022-23	AI for Business - 4U's (Hamburg, Germany)
Win 2021-22	<cancelled>
Win 2020-21	Reimaging Education for COVID and Beyond for HKUST
Sum 2019-20	Startup to Boost Economy under COVID - 3U's (Virtual)
Win 2019-20	Assistive Tech for the Disabled - 4U's (3 cities in Brazil)
Sum 2018-19	Healthier Living for Greater Bay Area - 3U's (Shenzhen)
Win 2018-19	Traffic Jam Solution for Silicon Valley - 4U's (San Jose, USA)
Sum 2017-18	Healthy Living - 3U's (Shanghai)
...	
Sum 2014-15	Water for Life - 4U's (Singapore)



21st Century Skills for Students in Preparation for a Digital Society



School-based admission to T&M-DDP in Year 2

Application

School-based admission

1.School of Engineering

2.School of Business Management

3.School of Science

4.School of Humanities & Social Science

5. Academy of Interdisciplinary Studies

Year 1

Major selection in Year 1 Spring

MSE Application

Program Transfer Application

Year 2 - 5

Dual Degree Program in Technology & Management

Program Requirements:

LANG 1402/1406 (SBM)
or LANG 1402/1407 (SENG) \geq B+
or LANG 1402/1409 (SSCI)

Ranking Criteria:

Pre-admission results, Year 1 CGA,
Selected course performance,
and Interview performance

How to
join
T&M-DDP?

Required and Recommended Pre-major Courses

First year students interested in declaring T&M-DDP engineering majors are required/recommended to take the following courses in the first year of study:

Students from SBM
and SENG

REQUIRED

- B+ or above in LANG 1402/1406 (SBM) or LANG 1402/1407 (SENG)
- MATH 1014 or MATH 1024 or MATH 1020

RECOMMENDED

- MATH 1012 or MATH 1013 or MATH 1023

Remarks:

All T&M-DDP students are NOT allowed to use SOSCI440 to substitute the required courses [(ECON2103/ 2113) and ECON2123].

Required Pre-major Courses

First year students interested in declaring T&M-DDP Biotechnology major are required to take the following courses in the first year of study:

Students from SBM

REQUIRED

- MATH 1003 or MATH 1012 or MATH 1013 or MATH 1023 or MATH 1020
- Students who did not take Biology or took 1/2x Biology in HKDSE: LIFS 1901 and LIFS 1902
- Students who took 1x Biology in HKDSE: LIFS1902

Students from SSCI

REQUIRED

- MATH 1012 or MATH 1013 or MATH 1023 or MATH 1020
- Students who did not take Biology or took 1/2x Biology in HKDSE: LIFS 1901 and LIFS 1902
- Students who took 1x Biology in HKDSE: LIFS1902

Have a Question?

Phone

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Mr Ivan Leung at (852) 2358-8261

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