



香港科技大學  
THE HONG KONG  
UNIVERSITY OF SCIENCE  
AND TECHNOLOGY

**T&M** HKUST  
DUAL DEGREE PROGRAM in  
Technology & Management



CAPTURING  
THE **BEST** OF  
**BOTH WORLDS**

**"I am a citizen of the world."**  
— Diogenes

## DUAL DEGREE PROGRAM IN TECHNOLOGY & MANAGEMENT (T&M-DDP)

T&M-DDP is designed to provide a world-class interdisciplinary education which emphasizes technological innovation and managerial leadership with inclination towards a global perspective. T&M-DDP, the first of its kind in Hong Kong, offers high-caliber students a unique education environment at which they can pursue two internationally recognized degrees: Bachelor of Engineering (BEng) or Bachelor of Science (BSc), and Bachelor of Business Administration (BBA).



The five-year dual degree program is tailor-made to prepare students to keep pace with a changing world. The coursework is taught by world-class faculty and is value added by our corporate partnership. The interdisciplinary nature of the program combined with global focus offers depth as well as breadth in business and technology education. It empowers students with knowledge that makes them excel in their chosen field.

Throughout their time at HKUST, Dual Degree students have many opportunities to showcase their talents, solve real corporate problems, practice team building, study in internationally renowned universities as exchange students, meet top business leaders, work as interns, and forge lifelong friendship with fellow students.

### QUICK FACTS

Year of Establishment  
2003

Duration  
5 Years

JUPAS Code  
JS5901

Class Size  
40

## PROGRAM STRUCTURE

### BEng/BSc Options

- Aerospace Engineering \*#
- Bioengineering \*
- Chemical Engineering \*
- Civil Engineering \*
- Civil and Environmental Engineering \*#
- Computer Engineering \*#
- Computer Science \*#
- Decision Analytics \*#
- Electronic Engineering \*#
- Industrial Engineering and Engineering Mgmt. \*#
- Integrative Systems & Design \*#
- Mechanical Engineering \*#
- Biotechnology

\*These majors can be declared with an Extended Major in Artificial Intelligence.

#These majors can be declared with an Extended Major in Digital Media and Creative Arts.

### T&M-DDP Enrichment Activities

### BBA Options

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



## INTEGRATED DESIGN

T&M-DDP students enroll in engineering/science and business courses each year and must complete 152-187 credits to finish the program. This translates to an additional one or two course(s) per semester more than the average workload of their peers who enroll in a single degree program. The extra course work returns values beyond a hard earned letter grade.

T&M-DDP students graduate with a Bachelor of Engineering (BEng) or a Bachelor of Science (BSc) degree and a Bachelor of Business Administration (BBA) degree. For technology, students can choose among thirteen BEng/BSc majors. For business, students can choose among six BBA majors. General Business Management allows student to take a wide range of elective courses among all business disciplines. Economics, Finance, Global Business, Management, and Marketing majors equip students with comprehensive knowledge in a specific business area.

## INTEGRATION AND FUNCTION

In addition, T&M-DDP students take courses in Management of Technology, Entrepreneurship, Mathematics, Humanities and Social Science, English and Chinese Business Communications, Academic and Professional Development, among others, to deepen the awareness of how the world functions and boost critical thinking ability.

## ENRICHMENT ACTIVITIES

T&M-DDP offers a series of professional training aimed to enhance presentation and communications skills, to expand cultural understanding, and to instill self-confidence. For details, please refer to the Enrichment section.

# ADMISSION INFORMATION

## PROGRAM-BASED ADMISSION

### Joint University Programmes Admissions System (JUPAS) Application

Prospective local secondary students may apply for T&M-DDP through JUPAS. Successful candidates will enroll in T&M-DDP directly and declare their BEng/BSc major and BBA major at the end of Year 1 and Year 2 respectively.

### Non-JUPAS Application

Students with international qualifications, local sub-degree and post-secondary or other qualifications may submit applications via the HKUST Online Application System. Successful candidates will enroll in T&M-DDP directly and declare their BEng/BSc major and BBA major at the end of Year 1 and Year 2 respectively.

## SCHOOL-BASED ADMISSION

Current year 1 HKUST students can apply to enroll in T&M-DDP through the Major Selection Exercise at the end of Year 1.



### Program-based

Apply directly to T&M-DDP  
JUPAS Code: JS5901  
Non-JUPAS : [join.hkust.edu.hk](http://join.hkust.edu.hk) for details

### School-based

Apply to one of the following Schools:

- School of Science
- School of Engineering
- School of Business & Management
- School of Humanities & Social Science

Year 1 | Year 2 | Year 3 | Year 4 | Year 5

Successful admission

First year study in one of the Schools

Major Selection Exercise

## Dual Degree Program in Technology & Management

## JUPAS MINIMUM REQUIREMENTS

English Language	4
Chinese Language	3
Mathematics	3
Citizenship and Social Development	Attained

Elective Subject 1	3
Elective Subject 2	3

Including specific subject:  
Biology / Chemistry / Physics / Combined Science / Information & Communication Technology

# ENRICHMENT ACTIVITIES

Enrichment activities help students acquire strategic thinking, problem solving and communication skills, and an international perspective.



## CORPORATE PROJECT

Students solve real-world challenges faced by our corporate sponsors that require the use of advanced technologies and business strategies in the format of consulting, desktop research or solution prototyping. Past corporate sponsors include Arup, Bayer Japan, Google, Harman, J.P.Morgan, P&G, UBS Zurich/APAC, among many others.



## INTERNATIONAL BUSINESS PLAN COMPETITION

Co-organized with the University of Illinois at Urbana-Champaign (USA), University of Bayreuth (Germany), University of Sao Paulo (Brazil), and other institutions in Mainland China and different parts of the world, the IBPC provides a focused forum for multinational students to work in groups harnessing their unique insights and knowledge to develop business applications of an emerging technology.



## CAMP AND WORKSHOP

A 2-day, 2-night outdoor camp for T&M-DDP students to develop their leadership ability. Student teams are coached by professional trainers and take turn to be a leader as well as follower to complete a set of challenging tasks. Students receive feedback after every activity and a personal assessment of their leadership styles after the event.



## INTERNSHIP

The corporate project sponsors offer opportunities for T&M-DDP students to work as an intern in their companies. T&M-DDP students can also apply for internships offered by the various Schools, the Academy of Interdisciplinary Studies, and the Career Center at HKUST.

## OVERSEAS EXCHANGE

T&M-DDP students get the opportunity to be an exchange student in over 100 top universities in North America, Europe, Asia Pacific, Middle East, Taiwan, and China. For example: Cornell University, The University of Pennsylvania, Tsinghua University, University College London, etc.



## EXECUTIVE FORUM

A regular event for T&M-DDP students to meet prominent executives who share their managerial and leadership experience and provide insights into the latest technology and business trends. The forum provides a golden opportunity for students to interact with high-ranking executives to sharpen their business acumen.

## MEETING WITH FACULTY

Students are always welcome to seek advice from our faculty members. Regular engagements among faculty and students is an essential part of the program to provide guidance in academic matters, student life, and career management.

# CAREER PROSPECTS

T&M-DDP students are in high demand from companies in various industries ranging from consulting, investment banking, business development, engineering management, product management, marketing, research, information technology, and telecommunications.



● <b>BANKING &amp; FINANCE</b>	<b>25%</b>
● <b>ENGINEERING</b>	<b>22%</b>
● <b>FURTHER STUDIES</b>	<b>14%</b>
● <b>CONSULTANCY</b>	<b>15%</b>
● <b>BUSINESS MANAGEMENT</b>	<b>11%</b>
● <b>INFORMATION TECHNOLOGY</b>	<b>10%</b>
● <b>STARTUPS</b>	<b>3%</b>

## SAMPLE EMPLOYERS:

Accenture	DBS Bank	ICBC	Procter & Gamble
AECOM	Deloitte	JP Morgan	P&T Architects and Engineers
Airport Authority	Deutsche Bank	KPMG	PwC
Amazon	FUGRO	Levis	Swire
ARUP	Gammon Construction	McKinsey & Company	Tencent
Bank of America Merrill Lynch	Goldman Sachs	Microsoft	UBS
Bayer	Hang Seng Bank	Monitor	Vibro
Cathay Pacific Airways Limited	HKSAR Government	Morgan Stanley	VSL
CLP	HSBC	Mott MacDonald	Walt Disney
Coca-Cola	IBM	MTR Corporation	Zurich

## SAMPLE STARTUP BY DUALERS:

- Bonnet (IoT)
- Lumos (bike helmet)
- Private Sommelier (wine)
- Sensbeat (music)
- Set Sail (chatbot)

## ALUMNI

**“If you are looking for challenge, come join us!”**



**Jason Wong** (Class of 2008)  
• Executive Director, YUBO Securities (Derivatives Trading)

**Sunny Wong** (Class of 2008)  
**Jovian Ling** (Class of 2009)  
• Co-founders, Set Sail Software (Chatbot.com.hk)



**“With DDP as foundation, you can ride and make the latest wave!”**

**“Balanced by engineering and business, you become a balanced self for your dreams in this dynamic world.”**



**K Wang** (Class of 2012)  
• M.Phil. in Environmental Policy at Cambridge University  
• Chartered Civil Engineer, Arup



Time Magazine, Photo-illustration by Andrew Myers for TIME, ISSUE NOV. 26 / DEC. 3, 2018

**Jeff Chen** (Class of 2015)  
• COO and Co-founder, Lumos  
• MBA at Harvard Business School



**“DDP lays a solid foundation for future entrepreneurs.”**

## CONTACT US

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