CAPTURING THE BEST OF BOTH WORLDS
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-calibre 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 plus 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 Degree
- Bioengineering
- Chemical Engineering
- Civil Engineering
- Civil and Environmental Engineering
- Computer Engineering
- Computer Science
- Electronic Engineering
- Decision Analytics
- Industrial Engineering and Engineering Management
- Mechanical Engineering

BSc Degree
- Biotechnology

T&M-DDP Enrichment Activities

BBA Degree
- General Business Management
INTEGRATED DESIGN
T&M-DDP students enrol in engineering or biotechnology and business courses each year and must complete 175-192 credits to finish the program. This translates to an additional one or two course(s) more than the average workload of their peers who enrol 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 BEng, students choose among ten engineering disciplines. For BSc, students take the Biotechnology major. For BBA, students take General Business Management as the major. They can take fundamental business courses in accounting, economics, finance, marketing, and management, and choose a wide range of elective courses among all business disciplines.

INTEGRATION AND FUNCTION
In addition, T&M-DDP students take courses in Management of Technology, Entrepreneurship, Mathematics, Humanities and Social Sciences, 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 instil self-confidence. For details, please refer to the Enrichment section.

ADMISSION INFORMATION

PROGRAM-BASED ADMISSION
Joint University Programmes Admission System (JUPAS)
Application
Prospective local secondary students may apply for T&M-DDP through JUPAS. Successful candidates will enrol in T&M-DDP directly and will declare their major at the end of Year 1.

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 enrol directly in T&M-DDP and declare their program major at the end of Year 1.

SCHOOL-BASED ADMISSION
Current year 1 HKUST students can apply to enrol in T&M-DDP through the Major Selection Exercise at the end of year 1.

JUPAS MINIMUM REQUIREMENTS

<table>
<thead>
<tr>
<th>Subject</th>
<th>JUPAS Requirement</th>
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<tbody>
<tr>
<td>English Language</td>
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<tr>
<td>Chinese Language</td>
<td>3</td>
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<tr>
<td>Mathematics</td>
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<td>Liberal Studies</td>
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<td>Elective Subject 1</td>
<td>3</td>
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<tr>
<td>Elective Subject 2</td>
<td>3</td>
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<tr>
<td>Including specific subject: Biology / Chemistry / Physics / Combined Science / Information &amp; Communication Technology</td>
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ENRICHMENT ACTIVITIES

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

CORPORATE PROJECT
A semester long project which T&M-DDP students solve business problems faced by our corporate sponsors. Some of our corporate sponsors include IBM, HARMAN (a Samsung company), EY, Union Medical Healthcare, UBS, Model Foundation Philanthropy in Motion, Procter & Gamble, GoLend.hk, Baron.AI, The Hong Kong Jockey Club, and Hong Kong Trade Development Council.

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 Interdisciplinary Programs Office, and the Career Centre 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.
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.

**T&M-DDP Graduate Employment Profile**

- **ENGINEERING** 24%
- **BANKING AND FINANCE** 23%
- **INFORMATION TECHNOLOGY** 16%
- **MANAGEMENT CONSULTING** 13%
- **FURTHER STUDIES** 13%
- **MANAGEMENT TRAINEE** 9%
- **STARTUPS** 2%

**SAMPLE EMPLOYERS:**

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

**SAMPLE STARTUP BY DUALERS:**

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

**ALUMNI**

- **Jeff Chen** (Class of 2015)
  - Co-founder and CTO, Lumen Labs (HK) Ltd.
  
- **Sunny Wong** (Class of 2008)
  - Co-founders, Set Sail Software (Chatbot.com.hk)
  
- **Jovian Ling** (Class of 2009)
  - Co-founders, Set Sail Software (Chatbot.com.hk)

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

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

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