EXPERIENCE WITHOUT BOUNDARIES
HKUST’s pioneering Interdisciplinary Programs Office (IPO) plays an integral part of the University’s well-established tradition for innovative teaching, learning and research. IPO brings together two or more different academic disciplines and offers a brand-new type of educational experience, characterized by select multicultural cohorts, high-powered curricula across different schools, and wide-ranging personal and professional enrichment activities. Why not find out the IPO difference for yourself?

IPO has led the way in many ways in Hong Kong and the region:

- To establish an interdisciplinary academic unit at a Hong Kong university
- To create an undergraduate dual degree program integrating technology and business knowledge
  - Dual Degree Program in Technology and Management
- To start an undergraduate program nurturing ecologically and economically sound future leaders to embed and advance sustainability
  - Environmental Management and Technology
- To offer an undergraduate program that allows students to create their own majors and curricula
  - Individualized Interdisciplinary Major

**THE IPO DIFFERENCE** Undergraduate Programs

- **T&M-DDP** Dual Degree Program in Technology and Management
- **EVMT** BSc in Environmental Management and Technology
- **IIM** BSc in Individualized Interdisciplinary Major

**IPO**

- 454 undergraduates
- 15 nationalities
- 200 postgraduates
- 19 nationalities
- 73% regular faculty with interdisciplinary joint appointments

**BEST** Faculty-Student Relationship

**STRONG** Partnership with Industry

**TRUE** Interdisciplinary Education and Research

1st IN HONG KONG

1st IN GREATER CHINA
Undergraduate education at IPO references key trends and global developments through far-sighted combinations of fields that are driving our rapidly evolving world. Close links with business and industry along with a special emphasis on character-building and identification of individual interests add to our empowering student experience.

We understand that an all-round development is more than academic knowledge, personal understanding of motivations and goals, professional know-how and business experience all help students plan for their future and adapt well to the working environment.

At IPO, We Care About Your Future

Significant career guidance and personal insight opportunities are available to foster students' capabilities to map out their own career path.

Careers Advising and Personal Counseling

IPO career advisors support and assist students in understanding themselves and potential career directions throughout their studies. Professional assessment tools include: the Myers-Briggs Type Indicator (MBTI®) Workshop, allowing students to assess their natural strengths and possible areas for growth; and the SHL Talent Measurement™ Occupational Personality Questionnaire (OPQ32r), a personality assessment tool that focuses specifically on workplace behaviors. Career advisors also run individual advising sessions, mock interviews, and CV clinics.

IPO Industrial Fellows

This innovative initiative links IPO students with seasoned executives and entrepreneurs to bridge the transition from graduate to professional and build career and intergenerational insights. IPO Industrial Fellows come from diverse backgrounds, including finance, IT, environmental services, regulatory and legal services and the non-profit sector. They meet with students and share career advice, pathways to success in a particular field, professional knowledge, goals, hopes and dreams.

Symposiums, Forums and Seminars

Gatherings of different scale are regularly organized for students to learn from successful executives and obtain first-hand accounts of the latest trends and issues from academic and industry leaders.

We understand that an all-round development is more than academic knowledge, personal understanding of motivations and goals, professional know-how and business experience all help students plan for their future and adapt well to the working environment.

At IPO, We Care About Your Future

Significant career guidance and personal insight opportunities are available to foster students’ capabilities to map out their own career path.
The Dual Degree Program in Technology and Management, the first of its kind in Hong Kong, offers high-flying students an inspiring opportunity to gain two internationally-recognized degrees in five years: Bachelor of Engineering (BEng) or Bachelor of Science (BSc), and Bachelor of Business Administration (BBA).

Dual Degree students learn how to analyze issues from technological and business viewpoints and solve both quantitative and qualitative problems. Students also develop awareness of different cultures and global perspectives and foster a willingness to serve, gaining much more than two degrees. With double degrees in technology and management, our graduates have a wide variety of career advancement opportunities.

The Dual Degree Program has equipped me with both essential technical expertise and business skills for our technology-centered world. This joint approach not only offers a competitive advantage, but also gives me an edge in innovation.
EVMT

EVMT offers numerous openings and the freedom to explore and develop your interests and abilities. This dynamic program connects people committed to improving the environment and enables them to create their own pathways to achieve this.

Sustainability and the protection of our environment are among the greatest global concerns of today and tomorrow, with an ever-more pressing need to find a balance between human development and environmental well-being.

The pace-setting BSc in Environmental Management and Technology program offers a unique opportunity for motivated students to move ahead in this area, educating a new generation of environmental professionals with cross-disciplinary knowledge to deliver ecologically and economically sound solutions and to take up the role of sustainability managers in corporations in Hong Kong and around the globe. EVMT is accredited by the Royal Institution of Chartered Surveyors (RICS).

1. Capstone Projects
   Final-year students work in teams with a corporate partner on a current environmental issue, under the supervision of an experienced manager and engage in environmental decision-making. Corporate partners have included Airport Authority Hong Kong, ARUP, Cundall, Ernst & Young, Gammon Construction Limited, K. Wah Construction Materials Limited, MTR, New World Development Company Limited, SGS Hong Kong, Synergy Group, and WWF Hong Kong.

2. Visits and Field Trips
   A great chance to go on-site in Hong Kong, Mainland China and overseas to see environmental developments up close and learn first-hand from the people involved.
   - Food waste recycling system, Hong Kong
   - Green building operations, Hong Kong
   - Bio resources, Malaysia
   - Waste management, Germany, Taipei and Tokyo
   - Sustainable city, Seoul and Singapore
   - Air pollution, Beijing

Business and Commerce Further Studies NGO Environmental Consultancy Others

CAREER PROSPECTS

50% 15% 15% 15% 5%

EVMT COURSES

- Energy Resources and Usage
- Environmental Economics
- Environmental GIS
- Environmental Law
- Environmental Technology
- ESG Management and Reporting
- Green Business Strategy
- Sustainable Development
The IIM program is a challenging but unique opportunity to study what you are truly interested in and passionate about as, unlike any other major, you have the flexibility to design your own studies.

The Individualized Interdisciplinary Major, currently the only program of its kind in Greater China, offers a non-traditional, cross-School academic pathway for exceptional students with the vision, talents and character to initiate an interdisciplinary major tailor-made to their intellectual interests. Joining this exciting degree program will enable those selected to subsequently pursue a novel interdisciplinary research field or a career in an area of emerging significance.

**APPROVED IIM PROGRAM EXAMPLES**

- Behavioral Consumer Science
- Bioenergy Management
- Bionics
- Brain Computer Interface
- Computational Cognitive Science
- Environmental Geoscience
- Human-Computer Interaction

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Credits</th>
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<tr>
<td>Common Core and fundamental courses</td>
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<tr>
<td>Major courses planned by student</td>
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<tr>
<td>Elective courses planned by student</td>
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<tr>
<td>Interdisciplinary Capstone Project</td>
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STUDENTS’ VOICE

ANDREW NG  
Class of 2018, EVMT

“Submerged in a program that focuses on a wide range of topics and offers opportunities to present myself, I become a person who is aware of major issues happening around the world, able to think holistically and come up with recommendations from different perspectives, and know how to lead, communicate, persuade and work with others. The skills I learned and the mindset I developed from EVMT allowed me to excel, no matter as a candidate in job hunting, as an employee in the workplace or as myself in my personal growth.”

SARANG GUPTA  
Class of 2016, T&M-DDP

“Dual Degree Program has provided me with a platform to participate in many enrichment activities including Corporate Projects, International Business Plan Competitions and Executive Forums. This exposure to industry’s practical challenges has transformed me into a fast problem solver with the aptitude to understand and interpret corporate operations and provide solutions to enhance business growth.”

KAREN LAM  
Class of 2021, T&M-DDP

“What T&M-DDP has provided me is far more than two degrees. Faculty members have been really supportive and encouraging to inspire our creative innovations. We are always given exclusive opportunities for international exposure that constantly help us challenge the status quo of the world. With T&M-DDP, we are able to step out of our comfort zone to uncover the exciting journey beyond the known.”

THOMAS NARAYANA SWAMY  
Class of 2019, IIM (Bionics)

“I have finished my BSc in Bionics. What is bionics? It is the interdisciplinary study of biology, mechanics, electronics, and control. IIM gave me this wonderful opportunity to tailor-make my own program to my specific interests. With the support of professors and the school, I was able to turn my interests to something I actually enjoy learning!”

ESTHER KIM  
Class of 2020, EVMT

“When I first applied to EVMT, I had never studied environment before. But I knew that I love nature and believed that sustainability is the key to future development. I truly appreciate the interdisciplinary nature of my program because it makes my studies very interesting, opens up a wide range of options for my future career and prepares me to solve complex environmental issues.”

FELIX CHO  
Class of 2019, IIM (Computational Cognitive Science)

“I am honored to be one of the first batch of IIM students, and if otherwise, what I have achieved in these 4 years would simply be unimaginable. With the individualized curriculum, I was granted a great degree of freedom in study and unlimited learning opportunities in UST and beyond. This is one of those decisions in life that I will never regret.”
Admission

IPO offers both School-based and Program-based Admission. We do this to provide flexibility and to cater for two different types of applicants: those who are clear about their academic and career interests and keen to opt for Program-based Admission; and those who would like more time to explore their interests after admission and prefer to choose School-based Admission. The Individualized Interdisciplinary Major Program (IIM) is the only IPO undergraduate program NOT to recruit students through Program-based Admission.

Program-based Admission

Prospective students apply for the IPO program they wish to join. Upon successful admission, they enroll in the interdisciplinary program from their first year of study. Local mainstream secondary school students should apply via the Joint University Programmes Admissions System (JUPAS). Local students with non-HKDSE qualifications and non-local students should apply via Direct Entry Admission. Please go to join.ust.hk for information about application procedures, admission requirements, and important dates.

Application via Program-based Admission

- Dual Degree Program in Technology and Management (T&M-DDP)
- Environmental Management and Technology Program (EVMT)

Successful Admission

Year 1: Dual Degree Program in Technology and Management (T&M-DDP)
Year 2: Environmental Management and Technology Program (EVMT)

Remarks: The Individualized Interdisciplinary Major Program will only admit Year 1 students who have entered HKUST through School-based Admission.

School-based Admission

Applicants select the School (Science, Engineering, Business and Management, or Humanities and Social Science) they wish to join at HKUST at the admission stage. Visit join.ust.hk for application details.

Application via School-based Admission

Students should apply to one of the following Schools:
- School of Science
- School of Engineering
- School of Business and Management
- School of Humanities and Social Science

Successful Admission

Year 1: First year study in one of the Schools
Dual Degree Program in Technology and Management (T&M-DDP)
Environmental Management and Technology Program (EVMT)

Application to enroll in IPO majors
Individualized Interdisciplinary Major Program (IIM)

Upon successful admission and the completion of the first year of study at their chosen School, students join the Major Selection Exercise to declare a major within her/his School or an IPO interdisciplinary major. For details of the Major Selection Exercise, see ipo.ust.hk/sba.
CONTACT INFORMATION

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Individualized Interdisciplinary Major Program
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