THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

EVMT BSc in Environmental Management and Technology

BSc in **Environmental Management and Technology (EVMT)** JUPAS code | JS5812



Grooming Future **Sustainability** Leaders

Advance Sustainability in Business

Sustainability is of paramount importance for the well-being of current and future generations. It is a global challenge that requires the attention and action of every organization. The BSc in Environmental Management and Technology (EVMT) program is at the forefront of tackling the pressing global concerns related to environmental and sustainability issues. This program offers motivated students a unique opportunity to become environmental and sustainability professionals equipped with cross-disciplinary knowledge to develop and implement ecologically and economically sound solutions. Graduates of the program are prepared to take on the role of sustainability managers and environmental professionals in corporations both in Hong Kong and around the globe. EVMT is accredited by the Hong Kong Institute of Qualified Environmental Professionals (HKIQEP).



Interdisciplinary Study for Tomorrow's Leaders

CURRICULUM

Under the Academy of Interdisciplinary Studies, the EVMT program leverages HKUST's expertise in science, engineering, management, and the social sciences. By examining environmental and sustainability issues from multiple perspectives, students are empowered to integrate different viewpoints and generate innovative ideas and solutions.

EVMT	BUSINESS	SOCIAL SCIENCE	ENGINEERING	SCIENCE
• Energy Sources and Usage • Environmental Economics • Environmental GIS • Environmental Laboratory • Environmental Law • Environmental Technology for Impact Assessment • ESG Management and Reporting • Green Business Strategy • LCA for Sustainable Development	• Business Finance • Business Statistics • Economics • Management	• Environmental Psychology • Social Inequality and Social Mobility • Understanding Society	• Air Quality Control and Management • Carbon Footprint • Environmental Control • Environmental Impact Assessment • Smart City	• Biodiversity • Chemistry • Ecology • Mathematics

CAPSTONE PROJECTS

Capstone project is a core component in the EVMT curriculum that provides final year students with real-world and hands-on experience. A team of 3 to 4 students will work on a corporate-sponsored project in which they can synthesize and apply knowledge from their courses under the supervision of a faculty member.

2025-26	• Asset Level Nature-based Assessment of a Power Generation Plant (CLP) • Investigating the Green Methanol Spectrum: Future Energy for Decarbonizing Shipping (Towngas)
2024-25	• Pilot Assessment of Nature-related Issues of Six Pacific Place (Gammon Construction Limited, Swire Properties Limited and AXA Climate) • Thematic Approach to Climate Tech Investing - Evaluating Geothermal Energy as a Sustainable Investing Opportunity by Audacy Partners (Audacy Partners)
2023-24	• Climate Risk Management at Conglomerate Level (NWS Holdings Limited) • Next Generation Transit Oriented Development (TOD) in Hong Kong (Civic Exchange)
2022-23	• Strengthening Inter-Regional Collaboration on Disaster Risk Management and Transboundary Risks (Asian Development Bank) • Shaping Sustainable Investing Policies in Asia-Pacific (Allianz Global Investors)

Engage, Explore, Excel for Sustainable Innovation

Our program provides enriching opportunities, including field trips, company visits, internships, overseas study trips, and exchanges. We focus on developing essential skills such as communication, teamwork, and leadership. These experiences not only broaden students' perspectives but also enhance their competitiveness for key roles in environmental and sustainability sectors across business, government, and institutions.







Navigating Sustainability Careers: Begin Your Journey to Make an Impact

Graduates of the EVMT program are well-equipped to pursue rewarding careers in multinational firms, government agencies, and non-governmental organizations. With their integrated academic and practical training, they are uniquely positioned to meet the growing demand for environmental and sustainability professionals in various sectors. The program prepares students to understand the complex interface between the environment and organizations, making them valuable assets in addressing the global challenge of environmental sustainability.

Passion for environmental and sustainability issues + Commitment to make a difference → **EVMT** → **Professionals in Environmental & Sustainability field** → **Exciting & rewarding career** → **Impactful leaders & changemakers**

Employers of EVMT Graduates

Business and Commerce:

- Adidas
- Bank of East Asia
- DBS Bank
- Deloitte
- Ernst and Young
- Hang Seng Bank
- HSBC
- KPMG
- Natixis CIB
- New World Development Company Limited
- Orient Overseas Container Line
- Pacific Basin Shipping (HK) Limited
- Schneider Electric (HK) Ltd.
- Sino Group
- Swire Properties Limited
- Towngas
- UBS Group AG
- Veolia

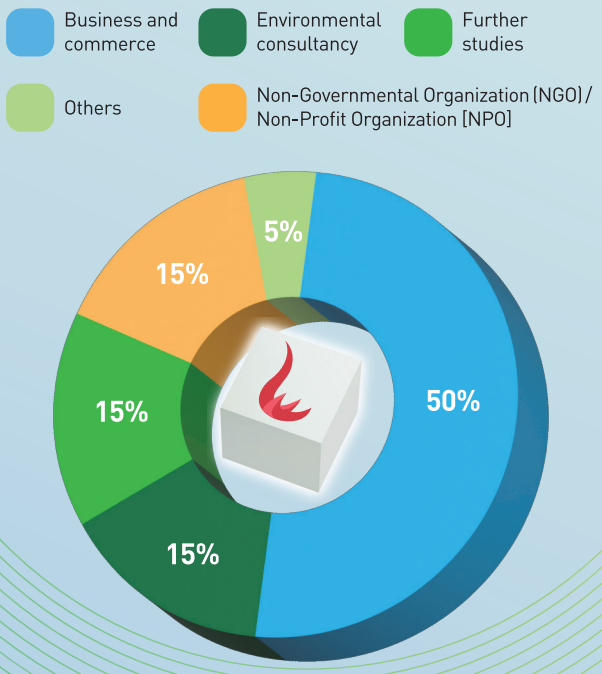
Environmental Consultancy:

- AECOM
- Arcadis
- ARUP
- ERM
- GlobeScan
- Hong Kong Productivity Council
- Mott MacDonald Hong Kong Limited
- Ramboll Hong Kong Limited

NGO/NPO:

- Civic Exchange
- Hong Kong Green Building Council
- Hong Kong Green Finance Association
- Ocean Park
- Redress Asia
- Teach4HK

EVMT graduate employment statistics by sectors:



What Our Alumni Say



Michelle FOK (Class of 2014)
Head of Sustainable Development
Cathay Subsidiary Services

Environmental management is not a one-person job, and it is only through collaborative efforts that we can truly improve the environment. Today, we EVMT graduates are working in different companies, yet we still help and support each other in our work, leveraging our synergies to make a positive impact on society.



Serena WONG (Class of 2016)
Deputy Head of Asia Purpose & Sustainability
Veolia

Thanks to EVMT's interdisciplinary nature, we may choose to focus more on either technology or business. It allows us to build skills to navigate in different fields and gain a broad range of knowledge, which have helped prepare us for different career paths.



Michael WANG (Class of 2021)
Management Trainee
John Swire & Sons (H.K.) Limited

The sustainable and future-oriented mindset that EVMT cultivated in me laid an exceptional foundation for my career, helping me stand out among graduates at a time when stakeholders are becoming increasingly conscious of their sustainability agenda and are looking for talent with relevant potential.



Esther KIM (Class of 2021)
ESG Consultant
PwC Korea

The multidisciplinary curriculum of EVMT program can certainly guide and prepare anyone who wants to find an environment-related career. I am truly grateful to have studied EVMT at HKUST because I was equipped with sufficient knowledge and background to pursue my dream job in the emerging ESG field.



Jessie CHUNG (Class of 2022)
Graduate Analyst
BlackRock

EVMT helps you to navigate well in the job market. Understanding and managing sustainability risk is now the top priority for all governments and companies. With the surge of demand for sustainability professionals, EVMT gives you the competitive edge employers are looking for these days.



Jeremy CHUNG (Class of 2022)
Sustainability Analyst
Schneider Electric

With the sustainability industry being such a tight knit community, having built profession network during my EVMT studies has definitely proved useful during job hunting or even in corporate collaborations!



Alice CHAN (Class of 2023)
Investment Analyst
London-based Venture Capital Firm

EVMT opened my eyes to how environmental knowledge, technology, and business can create real impact, building a critical, multidimensional mindset and practical problem-solving skills for my career.



Bon CHEUNG (Class of 2023)
Assistant Manager
Civic Exchange's Sustainable Finance Team

EVMT's interdisciplinary training in engineering, finance, and sustainable disclosure enhanced my ability to engage professionals from diverse backgrounds, analyse trends, and assess corporate transition plans, while public speaking training gave me a strong foundation to share insights in various media interviews.



Jason SHUM (Class of 2024)
Sales and Marketing Graduate Trainee
Veolia

EVMT's interdisciplinary study model allowed me to customise my learning journey, gaining key sustainability knowledge while exploring business and management courses. Its strong network in Hong Kong's sustainability field enables graduates to reconnect with batchmates, seniors, and professors across organizations.

Unlock Your Future: Meet the Admissions Requirements for EVMT

PROGRAM-BASED ADMISSION

Joint University Programmes Admissions System (JUPAS) Application

Prospective local secondary school students may apply for EVMT through JUPAS. Successful candidates will be admitted directly to EVMT directly.

Non-JUPAS Application

Interested students holding international qualifications, local sub-degree qualifications or post-secondary or other qualifications may submit applications through the HKUST Online Application System. Successful candidates will be admitted directly to EVMT directly.

HKDSE Minimum Admissions Requirements

English Language	Chinese Language	Mathematics (Compulsory)	Citizenship & Social Development	1st Elective	2nd Elective or M1/M2
4	3	3	Attained	3	3

Remarks: 1) No specific subject requirements for electives. 2) Score 3 or above in Category C subjects will also be considered as 2nd elective. 3) Shortlisted candidates may be invited for an interview.

SCHOOL-BASED ADMISSION

Current Year 1 HKUST students can apply to enroll in EVMT through the Major Selection Exercise at the end of Year 1.

Program-based Admission
- Apply directly to EVMT JUPAS Code: JS5812
- Non-JUPAS: Visit **join.hkust.edu.hk** for details

School-based Admission
Apply to one of the Schools:
- School of Business and Management
- School of Engineering
- School of Humanities and Social Science
- School of Science

Successful Admission

Year 1	Year 2	Year 3	Year 4
First year study in one of the Schools + Major Selection Exercise	BSc in Environmental Management and Technology (EVMT)		

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