



Bachelor of Science in Environmental Management and Technology (EVMT)



What is EVMT?

About EVMT

- **Background**

- Established in 2010, **FIRST** program in Hong Kong bridging the gap between **business and the environment**—essential for a **global business hub** like Hong Kong.

- **Vision**

- To groom future **Environmental/Sustainability Leaders** with a **cross-disciplinary perspective**

- **Positioning**

- A program to nurture **Environmental/Sustainability Leaders** tackling the **local and global challenges of sustainable development** with a **holistic perspective**

- **Accreditation**

- EVMT is accredited by the **Hong Kong Institute of Qualified Environmental Professionals (HKIQEP)**



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About Environment

STEREOTYPES IN GRADUATES' CAREER



About Environment

POTENTIAL Diverse CAREER Opportunities



EVMT Family – Sustainability Career Forum, Mar 2025



Moderator:

- Prof. Christine Loh, Chief Development Strategist and Adjunct Professor, Division of Environment and Sustainability, HKUST, and former Under Secretary for the Environment in the HKSAR Government (2012-17)

Panellists:

- Ms. Michelle Au, Director of Sustainability, China State Construction Engineering (HK) Ltd.
- Mr. Freeman Cheung, Senior Vice President, Environment, Hong Kong, AECOM
- Mr. Patrick Ho, Head of Sustainable Development, Swire Properties

EVMT Alumni:

- Mr. Leo Chan, Investment Vice President, Audacy
- Ms. Crystal Cheng, ESG Investment Solutions and ESG Advisory, DWS Group
- Ms. Carmen Cheung, Environmental Protection Officer, Environmental Protection Department, HKSAR
- Ms. Michelle Fok, Head of Sustainable Development, Cathay Subsidiary Services
- Ms. Emily Lam, Senior Manager, Corporate Communications & ESG, Dah Sing Bank, Limited
- Ms. Jasmine Lee, EcoStruxure IT Sales Leader, Taiwan and Korea, Schneider Electric
- Mr. Toby Lung, Environmental Project Consultant, ARUP
- Mr. Cyrus Tam, Assistant Town Planner, Planning Department, HKSAR
- Ms. Serena Wong, Deputy Head, Purpose & Sustainability, Veolia Asia

About EVMT

- A challenging and inspiring program which HKUST, with its globally ranked reputation in **business & management**, strong research in **environmental sciences and engineering** and **inspiring world-class faculty**, is uniquely equipped to deliver
- Aims to train students with the ability to analyze environmental problem from multiple viewpoints
- Equips students with both the **technical skills** and **people skills** to help make a change to the world, and particularly in business sectors



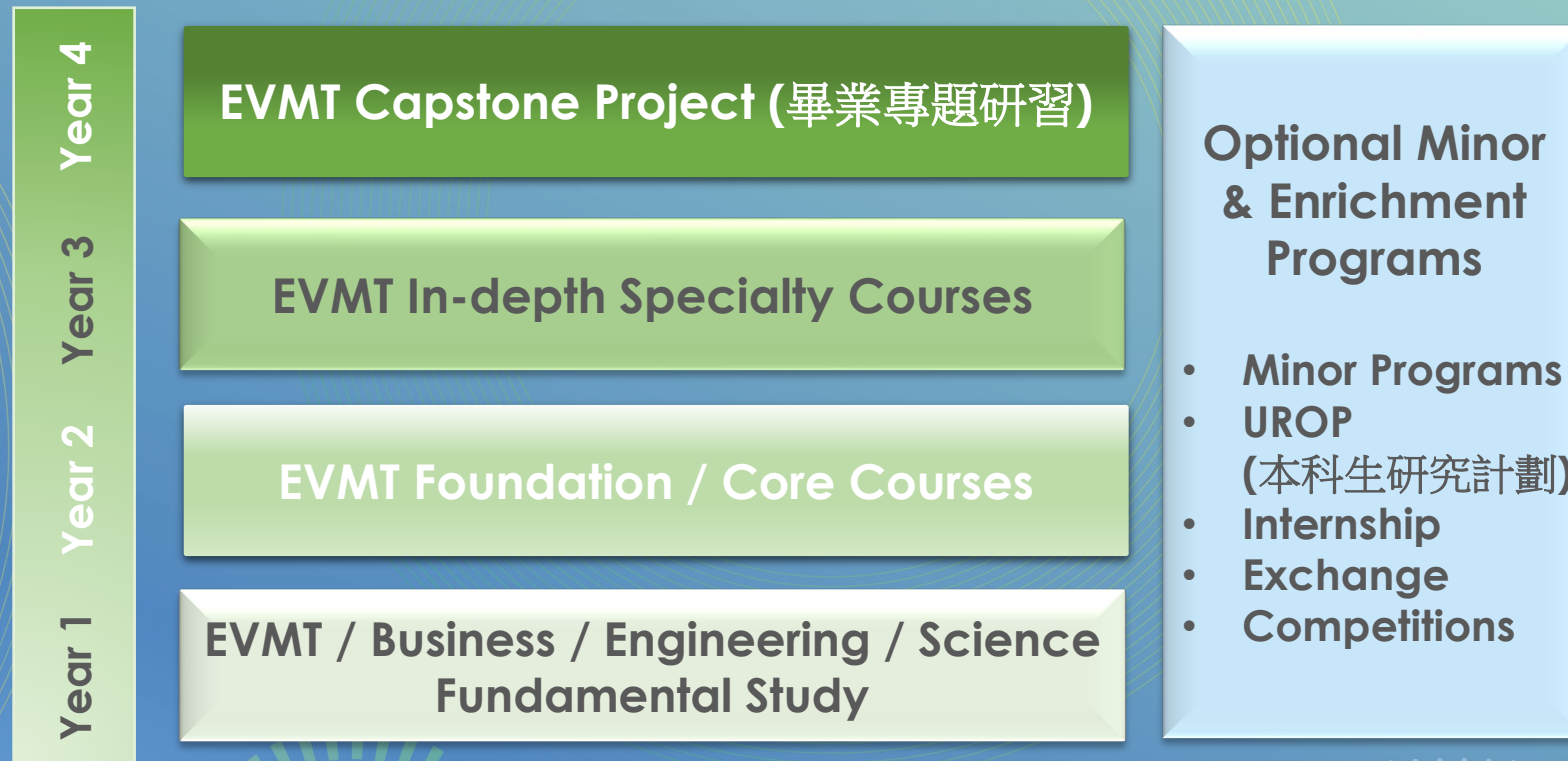
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What courses will I take?



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EVMT Curriculum – *An Interdisciplinary Program*



EVMT Curriculum – Interdisciplinary, Integrated, Flexible

		EVMT required course	EVMT Elective	Common Core	Free Elective	
Year 4	Spring 16 credits#	ENVR 3310 Green Business Strategy	ENVR 4990 EVMT Capstone Project II	Common Core 6	Common Core 7	EVMT Elective 4
	Fall 15 credits	ENVR 4980 EVMT Capstone Project I	Free Elective 4	Free Elective 5	Common Core 5	EVMT Elective 3
Year 3	Spring 16 credits#	ENVR 3410 Economics for Environmental Policy and Management	ENVR 4320 ESG Management and Reporting	Free Elective 3	Common Core 4	EVMT Elective 2
	Fall 15 credits	ENVR 3110 LCA for Sustainable Development	ENVR 3220 Energy Sources and Usage	ENVR 3420 Environmental Law and Regulations	Common Core 3	EVMT Elective 1
Year 2	Spring 16 credits#	ENVR 1170 Sci, Env & Society – From Big Bang to Big Data	ENVR 3210 Environmental Technology for Impact Assessment	FINA 2203 Fundamentals of Business Finance	MGMT 2110 Organizational Behavior	Common Core 2
	Fall 15 credits	ENVR 2010 Environmental Science Fundamentals	ENVR 2030 Material and Energy Balance	ECON 2103 / 2113 Microeconomics	ISOM 2500 Business Statistics	Common Core 1
Year 1	Spring 13 credits	COMP 1021 / 1022P / ISOM 2010 Computer Sci/ Computing with Java / Information Systems	ENVR2090 Environmental Lab	LANG1406 Academic English for Business Studies	HMAW1905E HMW	Free Elective 2 CHEM 1008 / 1011/ 1012 Chemistry
	Fall 13 credits	MATH 1003 / 1012 / 1013 / 1020 / 1023 Calculus	SUST1000 Sustainability Fundamentals	LANG1402 English Language for University Studies	HMAW1905E HMW	Free Elective 1 ENVR 1150 Climate Change Impacts and Extreme Weather Events

With 1-credit ENVR 2001/3001/4001 Academic and Professional Development I/II/III (Eco-chat)

Professional Development - EcoChat

EVMT Eco-Chat (9 Apr 2024)

Career Sharing on ESG Consultancy

Joyce Yeung
2022 Graduate

WHO AM I?

- Peter
- Class 2023
- Why EVMT?
 - Interested in helping tackle climate change by making the economy more sustainable
- My hobbies:



2

Past Work Experiences

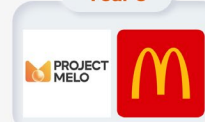
A quick run down of the companies I've worked with

Year 2



HKUST Sustainability Unit
(winter intern)
Research Assistant at Civic Exchange
(Summer Full Time, Semester Part time)

Year 3



Project Melo Co-creation
with McDonald's Hong Kong
Family Marketing
(6-months program)

Year 4



Sustainability Trainee at
The Hong Kong Jockey Club
(1-year full time placement)

All About Me

Past Experiences

ESG Consultant at EY

Insider Talk

What did I do?

Duty:

- UN Women ROAP
- UNV in Human Resources

Will you accept an opportunity that is unrelated to your major?

Opportunities:

- Workshop with APAC area
- Cross-agencies communication
- Facilitation of events
- Conversation with experts
- Volunteer outreach event



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Professional Development - EcoChat

Swire Properties Ltd sharing the Placemaking Academy and the White Christmas Street Fair on April 16, 2024



Ms. May Lam
Deputy Director
Public Affairs



Mr. Evan Li
Senior Manager
Event Management



Ms. Christy Leung
EVMT Class 2021



Ms. Yvonne Chan, Y4



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Professional Development – EVMT FAMILY

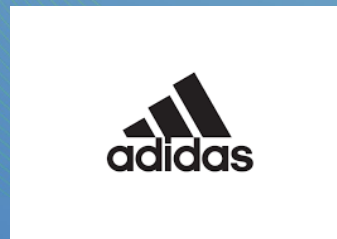


Buddy Mentorship Program 2024



Spring Mid-term Break BBQ

Internships



Study Trip

- Provide students with the opportunity to travel with a faculty member to various study sites that have a diversity of environmental or sustainability issues and see and discuss issues at the site with practitioners
- Destinations include:
 - Jan 2024 – Malaysia
 - Aug 2024 – Hangzhou, China
 - Jan 2024 – Chiang Mai, Thailand
 - Aug 2023 – Hebei, China
 - Jan 2020 – Jeju, South Korea
 - Jan 2019 – Cologne, Germany
 - Aug 2018 – PRD, China
 - Jan 2018 – Singapore
 - Aug 2017 – PRD, China
 - Jan 2017 – Beijing, China
 - Aug 2016 – PRD, China
 - Jan 2016 – Seoul, South Korea
 - Jan 2014 – Tokyo, Japan
 - Jan 2013 – Taipei, Taiwan
 - Aug 2012 – PRD, China
 - Jan 2012 – Malaysia



Malaysia Study Trip 2025



- Engaged with Universiti Kebangsaan Malaysia, Universiti Malaya, and the City Council.
- Explored various sites, including:
 - Agricultural Heritage Park
 - Gamuda Cove's Indah Paya Wetland
 - Bestari Jaya Tin Mine
 - Batu Cave Temple
- Broadened students' perspectives and deepened understanding of:
 - Public and private management of natural wetlands
 - Importance of balancing development with conservation
 - Nature-based solutions
- Highlighted visit to Gamuda Cove's Indah Paya Wetland:
 - Part of a 1,530-acre modern smart township
 - Adjacent to wetlands and forest reserves
 - Recognized as Malaysia's first 5-Diamond Low Carbon City
- Learned about sustainable operation and production during the tin mine visit.
- Engaged in discussions with the City Council on sustainable (re)development of Kuala Lumpur.

Chiangmai Study Trip 2024

**Sustainable Community Development
for Green Community Management
and Technologies in Chiang Mai Thailand**



adiCET

January 8-13, 2024

**CHIANGMAI
THAILAND**

- Engaged with various community groups and gained insight into their needs
- Learned about the positive impacts that adiCET and CMRU are making in improving community livelihoods through environmental integrative
- Learned about connecting businesses and corporations with communities through CSR initiatives



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Competitions

- EVMT students are strongly encouraged to participate in various local and international competitions to broaden their horizons, gain hands-on experience, apply what they have learnt from the program and to make an impact on the real world:
 - Best Business Model: Most Feasible and Quick-win Solution in 2024 EMAHK Waste Challenge: Innovate to Eliminate, a competition to tackle real-world waste management problems organized by The Environmental Management Association of Hong Kong Limited
 - Finalist and representative of Greater China Region - Schneider Electric's Global Business Case Challenge "Go Green in the City 2019"
 - Champion - Recycling Innovation Challenge 2019 organized by Vitasoy International and Enactus Hong Kong
 - 2nd prize - Climathon 2018 Hong Kong: Create a Zero Carbon future for Hong Kong organized by the CarbonCare InnoLab, Jockey Club CarbonCare Open Innovation Lab
 - James Dyson Award National Winner 2017
 - Champion - HK Tertiary Schools COP21 Challenge 2015
 - Champion - Schneider Electric's Global Business Case Challenge "Go Green in the City 2014"

Final Year Capstone Project

- In final year, students will work with a corporate partner on a current environmental issue.
- The year-long capstone project integrates classroom concepts and allows them to apply their knowledge under the supervision of an experienced manager to get hands on experience in environmental decision making.



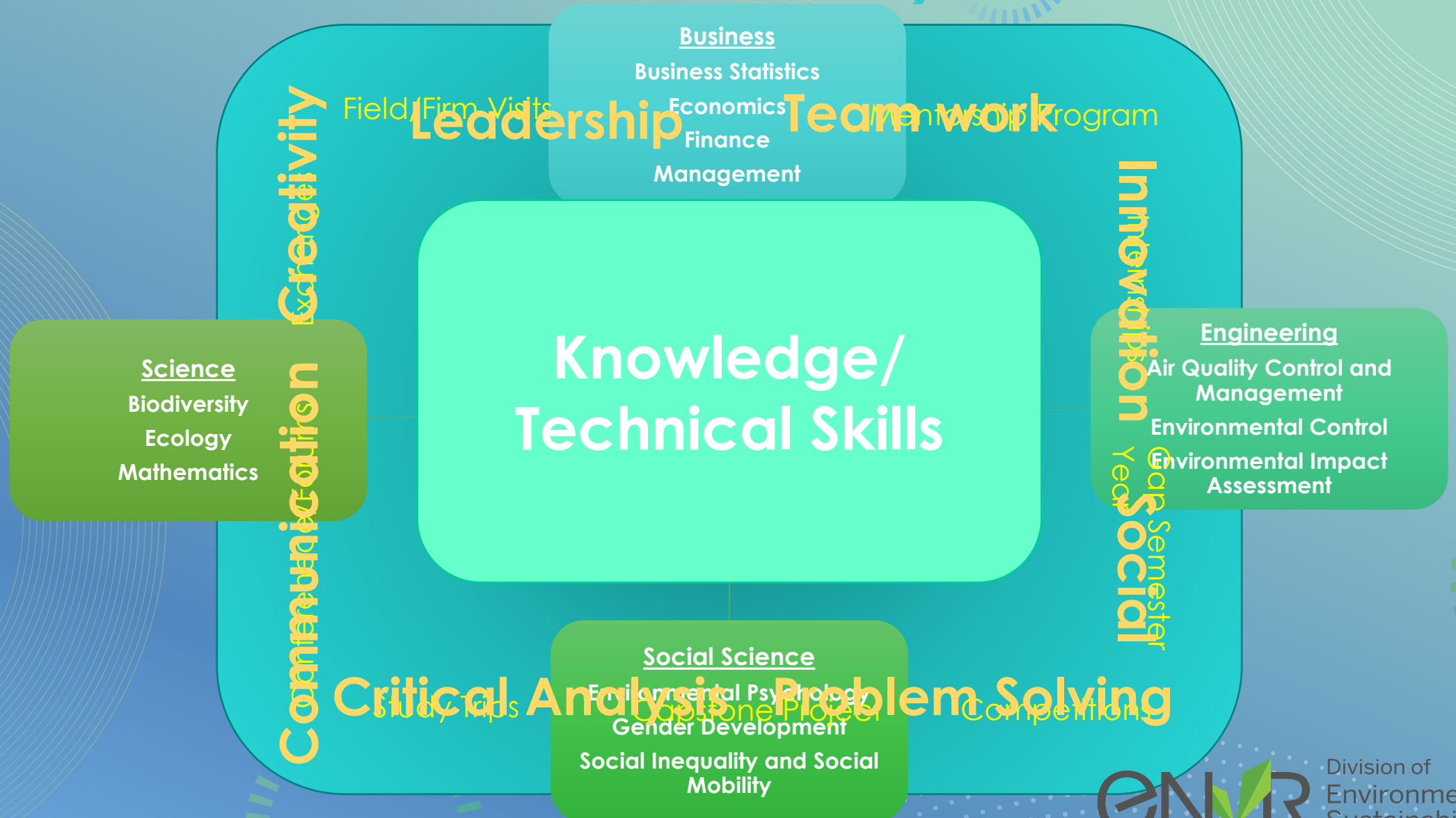
Capstone projects & Corporate partners (2023-24)

Corporate partner	Project title
Civic Exchange	Next Generation Transit Oriented Development (TOD) in Hong Kong
Deloitte	The Role of Internal Carbon Pricing on the Journey Towards Net Zero
EcoBrain	Environmental Impact Assessment of Combined Heat and Power Generation Plant
Farmacy HK Limited	Carbon Emission Savings from Locally Green Lettuce Production Using a Hydroponic Mobile Farm
Karrie Group	Developing a Decarbonization Strategy to Help Karrie Reach 'Net-Zero' Emission by 2050
NWS Holdings Limited	Climate Risk Management at Conglomerate Level
Redress	Research and Recommendations on Accelerating the Change to a Circular Fashion Industry in Hong Kong
HSH Group	Circularity Model for Textile Waste in Luxury Hotels
Gammon Construction Limited	Pilot Assessment of Nature-related Issues of Construction Projects in Hong Kong
Civic Exchange	Next Generation Transit Oriented Development (TOD) in Hong Kong

Capstone projects & Corporate partners (2022-23)

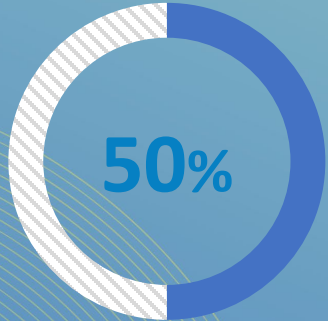
Corporate partner	Project title
Zustain Limited	Waste to Worth Project
HSBC	Unlocking Sustainable Finance Opportunities in the New Economy
Civic Exchange	Transition Finance and Policy
Asian Development Bank	Strengthening Inter-regional Collaboration on Disaster Risk Management and Transboundary Risk
Alta Capital Real Estate	Developing and Implementing a Positive Impact/ESG Protocol and Framework for the Hospitality Sector
Foodpanda	Analytical Study on Consumer Behavioral Psychology for Hong Kong's First Large Scale Reusable Packaging Pilot for Food Delivery
Hilti Asia Limited, Sustainable Office Solutions	Redesigning HK Construction Projects to Promote Circular Design and Reduce Waste Footprint
Allianz Global Investors	Shaping Sustainable Investing Policies in Asia Pacific
CLP	Nuclear Power's Role in China's Road Towards Carbon Neutrality
ARUP, The Green Earth	Extended Study on the 3D Quantitative Assessment of Light Pollution
Blue Onion	ESG Blockchain

Holistic Development – *Environmental/Sustainability Professional*



Career Prospect –

Employment statistics by sectors



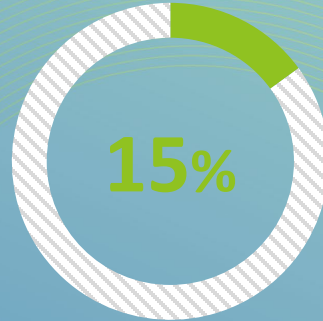
**Business and
Commerce**

- Adidas
- Crystal Group
- Deutsche Bank
- Ernst and Young
- Esquel Group
- Fuji Xerox
- Hang Lung Properties
- Hang Seng Bank
- HSBC
- New World Development Company Limited
- Schneider Electric (HK)
- Sino Group
- Swire Properties Limited
- UBS Group AG



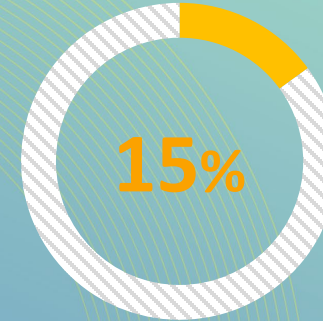
**Environmental
Consultancy**

- AECOM
- Alaya Consulting
- ARUP
- GlobeScan
- Hong Kong Productivity Council
- Mott MacDonald
- Ramboll Environ



NGO/NPO

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



**Further
Studies**

- Cambridge University
- Carnegie Mellon University
- City University of Hong Kong
- Columbia University
- Duke University
- The Chinese University of Hong Kong
- The Hong Kong University of Science and Technology
- The University of Hong Kong
- University of Cambridge
- University of Michigan



Others

- Community Service
- Volunteer Service
- Start-up
- Etc.

Unique Learning Experiences in EVMT

- **Integrated Cross-disciplinary Curriculum**
 - Encompasses courses from School of Business, Engineering, Humanities and Social Science and Science
- **Study/Field Trips**
 - Linking knowledge to reality
 - Past destinations: Chiang Mai, Hebei, Jeju, Cologne, Singapore, Beijing, Seoul, Tokyo, Taipei, Malaysia and GBA
- **Overseas Exchange Opportunities**
 - To acquire new insights and develop greater independence and confidence
 - Studied at over 50 universities around the world
- **Capstone Projects**
 - Corporate-led projects that provide 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
- **Co-curricular Activities**
 - Departmental seminars to enrich students' environment and sustainability related knowledge
 - External case competitions
 - Career Development Forum and Mentorship Program organized by the EVMTSS
 - EVMT Alumni Buddy Program – Co-organized with the EVMTAA and EVMTSS
 - Alumni Career Sharing Session – Co-organized with the EVMTAA



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Our strengths

Pioneering Accreditation by HKIQEP


- As the FIRST program accredited by HKIQEP since 2020, the EVMT program provides graduates with **an expedited pathway to becoming Professional Members**. Graduates are required to complete only **5 years** of relevant field experience—significantly shorter than the 10 years required for non-accredited programs—after successfully passing the professional assessment and review process.

Strong Reputation in the Professional Community


- EVMT is well-regarded and respected, with graduates who are recognized and valued by their employers.


Successful Alumni Network

- Many of our alumni have successfully advanced to middle and senior management positions within their organizations, showcasing the effectiveness of our program in preparing professionals for career growth.

 Camera

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 SWIRE PROPERTIES



WE ARE LOOKING FOR

- Penultimate year students from one of the following disciplines: Master of Architecture; Bachelor of Building Surveying, Mechanical or Building Services Engineering, Environmental Management and Technology or relevant disciplines
- Enthusiastic about pursuing a career in property development / management
- Excellent academic records; actively takes part in extra-curricular activities; mature and a good lateral thinker
- Great communication skills (spoken and written) in both English and Chinese

RECRUITMENT PERIOD

1 November 2024 - 29 February 2025

START DATE

June 2025

Professional Status

- **Legally recognized** by the Government
- Professional Rank (eqv to Chartered Engineer)
- **EVMT 1st program** in Hong Kong **accredited by HKIQEP** since 2020
- A **faster track for EVMT graduates** to becoming a **Professional Member**— requiring only 5 years of in-field experience
- Authorized signing person for EIA, ESG (expected)



EVMT - Professionalism



HKIQEP
香港環專會

Current List of HKIQEP Accredited UG Programmes

The following UG programmes have been accredited by HKIQEP.

Institution	Accredited UG Programme	Eligible Admission Year for Accredited Cohort	Accredited Syllabus Areas
The Hong Kong University of Science and Technology	BSc in Environmental Management and Technology (http://www.evmt.ust.hk)	2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027	<ul style="list-style-type: none"> Environmental Science Environmental Management Policy and Legislation Sustainability Air
The Chinese University of Hong Kong	BSc in Environmental Science (www.sls.cuhk.edu.hk/ensc)	2020, 2021, 2022	<ul style="list-style-type: none"> Environmental Science Environmental Management Environmental Impact Assessment and Health Impact Assessment Water
	BSc in Earth and Environmental Sciences (Environmental Science and Technology Stream) (https://www.cuhk.edu.hk/sci/essc/index.html)	2022, 2023, 2024, 2025	
Hong Kong Baptist University	BSc in Applied Biology (Environmental Science Concentration) (https://biol.hkbu.edu.hk)	2021, 2022, 2023	<ul style="list-style-type: none"> Environmental Science Environmental Management Environmental Impact Assessment and Health Impact Assessment Waste Water
The University of Hong Kong	BSc – Major in Environmental Science (https://www.scifac.hku.hk/prospective/ug/6901-bsc/majors/environmental-science)	2021, 2022, 2023	<ul style="list-style-type: none"> Environmental Science Environmental Management Environmental Impact Assessment and Health Impact Assessment Sustainability

To be eligible under the HKIQEP Accreditation Scheme, students must pass specific core and elective courses as part of the degree. Please contact each programme for details and requirements for eligibility.

Last updated on 2 April 2024



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Major Selection Exercise 2025 for EVMT

- **Intake quota:** Around 15
- **Requirement:** HKDSE English Level 4 or above (or equivalent)
- **Selection criteria:** Holistic assessment based on pre-admission exam result, CGA, selected course performance, CV profile and interview performance

Great Eagle Group Scholarship (2022/23 to 2026/27)

- **Aims:** To nurture talent in the fields of sustainable development, environmental management, and energy science to contribute to local sustainable development.
- **Eligibility:** Full-time non-final-year UG students in ENVR majoring in EVMT and SGFN who have achieved outstanding academic performance.
- **Selection criteria:** Holistic assessment based on pre-admission exam result, CGA, selected course performance, CV profile and interview performance



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Scholarship amount:	HK\$25,000 each (8 awardees each year)
Selection Criteria and Renewal Requirements:	<p>Candidates shall achieve cumulative grade average ("CGA") of 3.0 or above at the end of Spring.</p> <p>Candidates should demonstrate strong passion for sustainability and taking action on climate change, and has possessed such attributes as (a) excellence in all-round development in both academic and community aspects, (b) global perspective and leadership, and (c) teamwork.</p> <p>For the renewal of scholarship, the awardees shall achieve a latest CGA of 3.2 or above and continue to demonstrate the above corresponding attributes.</p>

EVMT Students

Passionate about the Environment

Caring

Outgoing

Good Communicators

Resourceful

Smart

Broad in perspectives

Receptive in new ideas

Willing to take risks



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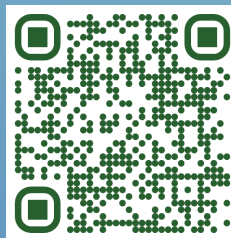


 www.envr.ust.hk/evmt

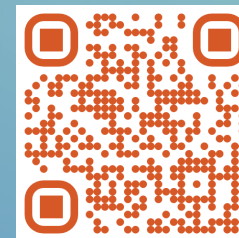
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Transforming Tomorrow with Greener Ideas



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