The Hong Kong University of Science and Technology
Academy of Interdisciplinary Studies
An Example on Student's Pathway (as of 25 July 2023)

EVMT via SSCI

Admission to AIS programs

School:	Academy of Interdisciplinary Studies	Student's Pathways (i.e. Study Pattern)	
Department:	Division of Environment and Sustainability	Pathway 1	
Program:	BSc in Environmental Management and Technology	Background: Admitted to SSCI in Year 1 Profile: Normative	

Course Offering Dept / course code prefix	Course Code	Course Title / Courses List	Credits	Year 1 Fall	Year 1 Spring	Year 2 Fall	Year 2 Spring	Year 3 Fall	Year 3 Spring	Year 4 Fall	Year 4 Spring	Sub-total	Remarks
Major Requirements													
Fundamental Courses													
COMP/ISOM		Note: COMP 1021 OR COMP 1022P OR ISOM 2010	3										
COMP	1021	Introduction to Computer Science	3										
COMP	1022P	Introduction to Computing with Java	3			3						3	
ISOM	2010	Introduction to Information Systems	3										
LANG	2082	Communication for Environmental Management and Technology I	2			2						2	
LANG	2083	Communication for Environmental Management and Technology II	2				2					2	
MATH		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3-4										
MATH	1003	Calculus and Linear Algebra	3										
MATH	1012	Calculus IA	4	4								4	
MATH	1013	Calculus IB	3										
MATH	1020	Accelerated Calculus	4										
MATH	1023	Honors Calculus I	3										
Required credits for Fundamental Courses			10-11									11	
Major Required Courses and Electives													
ENVR	1001	EVMT Orientation	0									0	
ENVR	1170	Science, Environment and Society - From Big Bang to Big Data	3				3					3	
ENVR	2001	Academic and Professional Development I	1			0	1					1	
ENVR	2010	Environmental Science Fundamentals	3			3						3	
ENVR	2030	Material and Energy Balance for Environmental Management	3			3						3	
ENVR	3001	Academic and Professional Development II	1					0	1			1	
ENVR	3110	Life Cycle Assessment for Sustainable Development	3					3				3	
ENVR	3210	Environmental Technology for Impact Assessment	3				3					3	
ENVR	3220	Energy Sources and Usage	3					3				3	
ENVR	3310	Green Business Strategy	3								3	3	
ENVR	3410	Economics for Environmental Policy and Management	3						3			3	
ENVR	3420	Environmental Law and Regulations	3					3				3	
ENVR	4001	Academic and Professional Development III	1							0	1	1	
ENVR	4320	ESG Management and Reporting	3						3			3	
ENVR	4980	Environmental Management and Technology Capstone Project I	3							3		3	
ENVR	4990	Environmental Management and Technology Capstone Project II	3								3	3	
ECON		Note: ECON 2103 OR ECON 2113	3										
ECON	2103	Principles of Microeconomics	3			3						3	
ECON	2113	Microeconomics	3										
FINA	2203	Fundamentals of Business Finance	3				3					3	
ISOM	2500	Business Statistics	3			3						3	
LANG	3081	Communication for Environmental Management and Technology III	2						2			2	
MGMT	2110	Organizational Behavior	3				3					3	
EVMT		Environmental Management and Technology Electives (Courses from the specified elective list, of which at least 9 credits must be at 3000-level or above.)	12					3	3	3	3	12	
Required credits for Major Required Courses and Electives			65									65	
University CORE													
CORE	C3 - C12	U CORE - Others	30	3	9		3		3	6	6	30	
CORE	C1 & C2	U CORE - English Language	6	3	3							6	
Sub-total for University CORE			36									36	

Term load (excl. free credits)

Year 1 Fall	Year 1 Spring	Year 2 Fall	Year 2 Spring	Year 3 Fall	Year 3 Spring	Year 4 Fall	Year 4 Spring
10	12	17	18	12	15	12	16

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Admission to AIS programs

Note:

\# To graduate, students should complete at least 120 credits in approved courses. They may need to take courses additional to the required and elective courses as specified above to meet this minimum credit requirement.

>> The content of this example is not necessarily equivalent to a complete list of graduation requirements of the program. Students should refer to the Program Catalog for updated graduation requirements. For up-to-date information on course offering and scheduling, students should check it out from respective School and Department.

2023-24 EVMT (4Y) (2020-21 intake)

The Hong Kong University of Science and Technology
Academy of Interdisciplinary Studies
An Example on Student's Pathway (as of 25 July 2023)
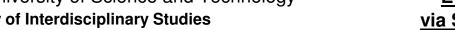
EVMT via SENG

Admission to AIS programs

School:		Academy of Interdisciplinary Studies		Student's Pathways (i.e. Study Pattern)									
Department:		Division of Environment and Sustainability		Pathway 1									
Program:		BSc in Environmental Management and Technology		Background: Admitted to SENG in Year 1 Profile: Normative									
Course Offering Dept / course code prefix	Course Code	Course Title / Courses List	Credits	Year 1 Fall	Year 1 Spring	Year 2 Fall	Year 2 Spring	Year 3 Fall	Year 3 Spring	Year 4 Fall	Year 4 Spring	Sub-total	Remarks

Major Requirements
Fundamental Courses

Course Offering Dept	Course Code	Course Title / Courses List	Credits	Y1 Fall	Y1 Spring	Y2 Fall	Y2 Spring	Y3 Fall	Y3 Spring	Y4 Fall	Y4 Spring	Sub-total	Remarks
COMP/ISOM		Note: COMP 1021 OR COMP 1022P OR ISOM 2010	3										
COMP	1021	Introduction to Computer Science	3	3								3	
COMP	1022P	Introduction to Computing with Java	3										
ISOM	2010	Introduction to Information Systems	3										
LANG	2082	Communication for Environmental Management and Technology I	2		2							2	
LANG	2083	Communication for Environmental Management and Technology II	2			2						2	
MATH		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3-4										
MATH	1003	Calculus and Linear Algebra	3										
MATH	1012	Calculus IA	4	4								4	
MATH	1013	Calculus IB	3										
MATH	1020	Accelerated Calculus	4										
MATH	1023	Honors Calculus I	3										
		Required credits for Fundamental Courses	10-11									11	

Major Required Courses and Electives

Course Offering Dept	Course Code	Course Title / Courses List	Credits	Y1 Fall	Y1 Spring	Y2 Fall	Y2 Spring	Y3 Fall	Y3 Spring	Y4 Fall	Y4 Spring	Sub-total	Remarks
ENVR	1001	EVMT Orientation	0									0	
ENVR	1170	Science, Environment and Society - From Big Bang to Big Data	3		3							3	
ENVR	2001	Academic and Professional Development I	1		0	1						1	
ENVR	2010	Environmental Science Fundamentals	3			3						3	
ENVR	2030	Material and Energy Balance for Environmental Management	3			3						3	
ENVR	3001	Academic and Professional Development II	1					0	1			1	
ENVR	3110	Life Cycle Assessment for Sustainable Development	3					3				3	
ENVR	3210	Environmental Technology for Impact Assessment	3				3					3	
ENVR	3220	Energy Sources and Usage	3					3				3	
ENVR	3310	Green Business Strategy	3							3		3	
ENVR	3410	Economics for Environmental Policy and Management	3						3			3	
ENVR	3420	Environmental Law and Regulations	3					3				3	
ENVR	4001	Academic and Professional Development III	1							0	1	1	
ENVR	4320	ESG Management and Reporting	3						3			3	
ENVR	4980	Environmental Management and Technology Capstone Project I	3							3		3	
ENVR	4990	Environmental Management and Technology Capstone Project II	3								3	3	
ECON		Note: ECON 2103 OR ECON 2113	3										
ECON	2103	Principles of Microeconomics	3			3						3	
ECON	2113	Microeconomics	3										
FINA	2203	Fundamentals of Business Finance	3				3					3	
ISOM	2500	Business Statistics	3			3						3	
LANG	3081	Communication for Environmental Management and Technology III	2						2			2	
MGMT	2110	Organizational Behavior	3				3					3	
EVMT		Environmental Management and Technology Electives (Courses from the specified elective list, of which at least 9 credits must be at 3000-level or above.)	12					3	3	3	3	12	
		Required credits for Major Required Courses and Electives	65									65	

University CORE

Course Offering Dept	Course Code	Course Title / Courses List	Credits	Y1 Fall	Y1 Spring	Y2 Fall	Y2 Spring	Y3 Fall	Y3 Spring	Y4 Fall	Y4 Spring	Sub-total	Remarks
CORE	C3 - C12	U CORE - Others	30	6	3	3	3		3	6	6	30	
CORE	C1 & C2	U CORE - English Language	6	3	3							6	
		Sub-total for University CORE	36									36	

Term load (excl. free credits)							
16	6	17	18	12	15	12	16
112#							

Admission to AIS programs

Note:

To graduate, students should complete at least 120 credits in approved courses. They may need to take courses additional to the required and elective courses as specified above to meet this minimum credit requirement.

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2023-24 EVMT (4Y) (2020-21 intake)

The Hong Kong University of Science and Technology
Academy of Interdisciplinary Studies
An Example on Student's Pathway (as of 25 July 2023)

**EVMT
via SBM**

Admission to AIS programs

School:		Academy of Interdisciplinary Studies		Student's Pathways (i.e. Study Pattern)									
Department:		Division of Environment and Sustainability		Pathway 1									
Program:		BSc in Environmental Management and Technology		Background: Admitted to SBM in Year 1 Profile: Normative									
Course Offering Dept / course code prefix	Course Code	Course Title / Courses List	Credits	Year 1 Fall	Year 1 Spring	Year 2 Fall	Year 2 Spring	Year 3 Fall	Year 3 Spring	Year 4 Fall	Year 4 Spring	Sub-total	Remarks
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MATH	1012	Calculus IA	4	3								3	
MATH	1013	Calculus IB	3										
MATH	1020	Accelerated Calculus	4										
MATH	1023	Honors Calculus I	3										
		Required credits for Fundamental Courses	10-11									10	
Major Required Courses and Electives													
ENVR	1001	EVMT Orientation	0									0	
ENVR	1170	Science, Environment and Society - From Big Bang to Big Data	3				3					3	
ENVR	2001	Academic and Professional Development I	1			0	1					1	
ENVR	2010	Environmental Science Fundamentals	3			3						3	
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ENVR	4990	Environmental Management and Technology Capstone Project II	3								3	3	
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University CORE													
CORE	C3 - C12	U CORE - Others	30	3	6	3	3		3	6	6	30	
CORE	C1 & C2	U CORE - English Language	6	3	3							6	
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Term load (excl. free credits)								
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