The Hong Kong University of Science and Technology

Academy of Interdisciplinary Studies

EVMT via SSCI

An Example on Student's Pathway (as of 25 July 2023)

Admission to AIS programs

School:		Academy of Interdisciplinary Studies			Student's Pathways (i.e. Study Pattern)								
Department:		Division of Environment and Sustainability											
Program:		BSc in Environmental Management and Technology	Backgro	und: Adn	nitted to	SSCI in \	Pathway ear 1						
		3 3,											
				Profile:	Normativ	е							
Course	Course Code	Course Title / Courses List											
Offering						:							
Dept / course code prefix	,				~		<		_		~		
	`			_≾	Year 1 Spring	≾	Year 2 Spring	≾	Year 3 Spring	_ ≾	Year 4 Spring	"	
			C	ear	<u> </u>	ear	N (0	Year 3	ω (n	ear	4	duŝ	
			Credits	Year 1 Fal	þri:	Year 2 Fa	j pri	3 Fa) Pri:	Year 4 Fal	j pri	Sub-tota	Damadra
		<u>l</u>	its	<u>a</u>	gr	<u>a</u>	gr	all	βι	all	Вı	<u>a</u>	Remarks
Major Requ													
Fundamental C	Courses												
COMP/ISOM	1021	Note: COMP 1021 OR COMP 1022P OR ISOM 2010 Introduction to Computer Science	3			:							
COMP COMP	1021 1022P	Introduction to Computer Science Introduction to Computing with Java	3 3			3						3	
ISOM	2010	Introduction to Information Systems	3			Ī							
LANG	2082	Communication for Environmental Management and Technology I	2										
						2						2	
LANG	2083	Communication for Environmental Management and Technology II	2			<u> </u>	2					2	
MATH		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR	3-4	1	1	<u> </u>							
		MATH 1020 OR MATH 1023				Ī							
MATH	1003	Calculus and Linear Algebra	3										
MATH MATH	1012 1013	Calculus IA Calculus IB	4 3	4								4	
MATH	1020	Accelerated Calculus	4			Ī							
MATH	1023	Honors Calculus I	3										
		Required credits for Fundamental Courses	10-11									11	
Major Required	d Courses and	Electives	•							•			
ENVR	1001	EVMT Orientation	0									0	
ENVR	1170	Science, Environment and Society - From Big Bang to Big Data	3				,					0	
							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	+		<u>. </u>	3					3	
ENVR	3220	Energy Sources and Usage	3			 	3	_					
ENVR	3310	Green Business Strategy	3			! 		3				3	
ENVR	3410	Economics for Environmental Policy and Management	3			<u> </u>					3	3	
						<u> </u>			3			3	
ENVR	3420	Environmental Law and Regulations	3	<u> </u>		<u> </u>		3				3	
ENVR	4001	Academic and Professional Development III	1	I		<u> </u>				0	1	1	
ENVR	4320	ESG Management and Reporting	3			! *			3			3	
ENVR	4980	Environmental Management and Technology Capstone Project I	3			Ī				3		3	
ENVR	4990	Environmental Management and Technology Capstone Project II	3	1		i							
		2 monator and management, and real molegy capacities in open				:					3	3	
ECON		Note: ECON 2103 OR ECON 2113	3	1		:							
ECON	2103	Principles of Microeconomics	3			3						3	
ECON	2113	Microeconomics	3	<u> </u>		<u> </u>							
FINA	2203	Fundamentals of Business Finance	3	<u> </u>		<u> </u>	3					3	
ISOM	2500	Business Statistics	3	<u> </u>		3						3	
LANG	3081	Communication for Environmental Management and Technology III	2						2			2	
MGMT	2110	Organizational Behavior	3	1	 	1	3					3	
EVMT		Environmental Management and Technology Electives (Courses from the	12			<u></u>							
		specified elective list, of which at least 9 credits must be at 3000-level or above.)				: 		3	3	3	3	12	
	Require	d credits for Major Required Courses and Electives	65			<u>:</u>						65	
University (•	, ,	1	il .			1		1	1	1		
CORE	C3 - C12	U CORE - Others	30	3	9		3		3	6	6	30	
CORE	C1 & C2	U CORE - English Language	6	3	3	i i	 		Ť	Ť	-	6	
	I	Sub-total for University CORE	36	∐	Ť	<u></u>						36	
		Cas total for Chirolotty Cont		1	<u> </u>	Ter	m load (e)	ccl. free cre	edits)	<u> </u>	<u> </u>		
				10	12		18	12	15	12	16		
				F	12		<u> </u>	12#		1 '-	ı . · · ·		

Note:

Admission to AIS programs

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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The Hong Kong University of Science and Technology

Academy of Interdisciplinary Studies

EVMT via SENG

An Example on Student's Pathway (as of 25 July 2023)

Admission to AIS programs

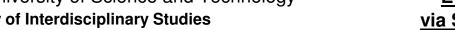
School:		Academy of Interdisciplinary Studies				<u> </u>		Student's	s Pathwa	ys (i.e. St	udy Patte	ern)	
Department:		Division of Environment and Sustainability											
Program:		BSc in Environmental Management and Technology			und: Adn								
riogiani.		bot in Environmental Management and Technology		Dackgro	una. Aun	initied to .	OLIVO III	icai i					
				Profile:	Normativ	е							
Course	Course Code	Course Title / Courses List	I	1	1		1		1			I	
Offering	Course code	Codido Tillo / Codidos Elst											
Dept /													
course code prefix					Ύe	I .	ĕ		, e		Ύe		
				Yea	ar 1	Year 2 Fa	ar 2	Year 3	ar 3	Year 4 Fal	ar 4	ပည	
			Cre	Year 1 Fal	န	r 2	န	T သ	ဇ္	lr 4	Sp	Sub-tota	
			Credits	Fal	Year 1 Spring	F <u>a</u>	Year 2 Spring	Fa	Year 3 Spring	Fa	Year 4 Spring	ota	Remarks
Major Requ	irements				. –								
Fundamental C													
COMP/ISOM	I	Note: COMP 1021 OR COMP 1022P OR ISOM 2010	3	П									
COMP	1021	Introduction to Computer Science	3			Ī						0	
COMP ISOM	1022P 2010	Introduction to Computing with Java Introduction to Information Systems	3 3	3		- -						3	
LANG	2082	Communication for Environmental Management and Technology I		4		<u> </u>							
LANG	2082	Communication for Environmental Management and Technology I	2			2					>	2	
LANG	2083	Communication for Environmental Management and Technology II	2	1		<u>.</u> 1							
_ ","		Some street of Environmental management and recimology in	-			!	2					2	
MATH		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR	3-4	1		<u> </u>		1				ľ	
		MATH 1020 OR MATH 1023				- 							
MATH MATH	1003 1012	Calculus and Linear Algebra Calculus IA	3 4										
MATH	1013	Calculus IA Calculus IB	3	4								4	
MATH	1020	Accelerated Calculus	4										
MATH	1023	Honors Calculus I	3										
		Required credits for Fundamental Courses	10-11									11	
Major Required	Courses and I	Electives										1	
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			. I		3				3	
ENVR	3210	Environmental Technology for Impact Assessment	3			•	3					3	
ENVR	3220	Energy Sources and Usage	3			<u> </u>		3				3	
ENVR	3310	Green Business Strategy	3			<u> </u>					3	3	
ENVR	3410	Economics for Environmental Policy and Management	3			-			3		-	3	
ENVR	3420	Environmental Law and Regulations	3	1		<u> </u>		3	3			3	
ENVR	4001	Academic and Professional Development III	1	1		1		3		0	1	1	
ENVR	4320	ESG Management and Reporting	3	1		<u> </u>			3	U	'	·	
ENVR	4980	Environmental Management and Technology Capstone Project I	3	1		- -			3			3	
LIVI	4900	Children and Management and Technology Capstone Project 1	3			<u> </u>				3		3	
ENVR	4990	Environmental Management and Technology Capstone Project II	3	ll .		-							
						I					3	3	
ECON		Note: ECON 2103 OR ECON 2113	3	1		!							
ECON	2103	Principles of Microeconomics	3			3						3	
ECON FINA	2113 2203	Microeconomics Fundamentals of Business Finance	3	1		Ī						_	
	2500	Business Statistics		1		1	3					3	
ISOM			3	1		3						3	
LANG	3081	Communication for Environmental Management and Technology III	2						2			2	
MGMT	2110	Organizational Behavior	3	1	1	<u> </u>	_			1		_	
EVMT	2110	Environmental Management and Technology Electives (Courses from the	12			<u> </u>	3					3	
L VIVII		specified elective list, of which at least 9 credits must be at 3000-level or	'2					3	3	3	3	12	
		above.)											
	Required	d credits for Major Required Courses and Electives	65			 L						65	
University C	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	Ť	Ť		Ť	† Ť		6	
	<u> </u>	Sub-total for University CORE	36	∐ —	Ť	<u></u>				1		36	
		Sub-total for Offiversity CORE	50	4	1	To	m load (c	cl. free cre	dite)	<u> </u>		30	
							· ·	T		10	10		
				16	6	17	18	12 12 #	15	12	16		

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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The Hong Kong University of Science and Technology **Academy of Interdisciplinary Studies**



An Example on Student's Pathway (as of 25 July 2023)

Admission to AIS programs

EVMT via SBM

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									
					· · · · · · · · · · · · · · · · · · ·	Ü										
Course	Course Code	Course Title / Courses List		 		<u> </u>	1	I	1	1						
Offering																
Dept / course code prefix						I.					_					
oodise eede pieni				_ ≼	Year 1 Spring	I	Year 2 Spring	<u>≼</u>	Year 3 Spring	_ ≼	Year 4 Spring	(0				
			Ω	Year 1	1 S	ear 2	2 S	Year 3	S S	ear 4	4 S	-du				
			Credits	1 Fa	prin	Year 2 Fa	prin	3 Fa	prin	Year 4 Fa	prin	Sub-total	Remarks			
Major Requ	iremente		S	<u> </u>	g	=_	Q	=	Q		g		Hemans			
Fundamental (
COMP/ISOM	1	Note: COMP 1021 OR COMP 1022P OR ISOM 2010	3	1			1	I	1	1						
COMP COMP	1021	Introduction to Computer Science	3			1 3						3				
ISOM	1022P 2010	Introduction to Computing with Java Introduction to Information Systems	3 3			i										
LANG	2082	Communication for Environmental Management and Technology I	2	1	1	.						-				
				<u></u>		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	3-4	 		<u> </u>										
		MATH 1020 OR MATH 1023	3-4			i										
MATH MATH	1003 1012	Calculus and Linear Algebra Calculus IA	3 4	I _								_				
MATH	1013	Calculus IB	3	3					_			3				
MATH MATH	1020 1023	Accelerated Calculus Honors Calculus I	4 3													
WATT	1023			 												
Matarbara	10	Required credits for Fundamental Courses	10-11			-						10				
Major Require	d Courses and	EVMT Orientation	0	n —	_		1		1	1	1		Π			
ENVR	1170	Science, Environment and Society - From Big Bang to Big Data	3									0				
	1170	Coloride, Environment and cociety 1 form big bang to big bata					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				
						3						3				
ENVR	3001	Academic and Professional Development II	1			<u> </u>		0	1			1				
ENVR	3110	Life Cycle Assessment for Sustainable Development	3			<u> </u>		3				3				
ENVR	3210	Environmental Technology for Impact Assessment	3			<u> </u>	3					3				
ENVR ENVR	3220 3310	Energy Sources and Usage Green Business Strategy	3			<u> </u>		3				3				
ENVR	3410	Economics for Environmental Policy and Management	3			<u> </u>			0		3	3				
ENVR	3420	Environmental Law and Regulations	3			<u> </u>		3	3			3				
ENVR	4001	Academic and Professional Development III	1	1		1	<u> </u>	3	<u> </u>	0	1	1				
ENVR	4320	ESG Management and Reporting	3	1		<u> </u>			3		'	3				
ENVR	4980	Environmental Management and Technology Capstone Project I	3	1		<u> </u>										
						! !				3		3				
ENVR	4990	Environmental Management and Technology Capstone Project II	3								3	3				
FOON		New FOON 9499 OF FOON 9449	0	<u> </u>		<u> </u>										
ECON ECON	2103	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics	3 3	3		Ī						3				
ECON	2113	Microeconomics	3	<u> </u>								_				
FINA	2203	Fundamentals of Business Finance	3	<u> </u>		•	3					3				
ISOM	2500	Business Statistics	3	<u> </u>	3	<u>!</u>						3				
LANG	3081	Communication for Environmental Management and Technology III	2			į			2			2				
MGMT	2110	Organizational Behavior	3	1		ī	3					3				
EVMT		Environmental Management and Technology Electives (Courses from the	12	 		 					 	J				
		specified elective list, of which at least 9 credits must be at 3000-level or						3	3	3	3	12				
	Dec	above.)		 		<u> </u>	<u> </u>		<u> </u>	<u> </u>		0.5				
l lade en er e	•	ed credits for Major Required Courses and Electives	65	<u> </u>		<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	65	<u> </u>			
University (LL CODE Others		П			r	ı	r	r	1		T			
CORE	C3 - C12	U CORE - Others	30	3		3	3		3	6	6	30				
CORE	C1 & C2	U CORE - English Language	6	3	3	<u>-</u>					<u> </u>	6				
		Sub-total for University CORE	36	<u> </u>		<u> </u>	1 11	-1.4				36				
						l er	m load (ex	cl. free cre	edits)							
				12	12	14	18	12	15	12	16					

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