## The Hong Kong University of Science and Technology **Interdisciplinary Programs Office**



An Example on Student's Pathway (as of 2 August 2021)

Admission to IPO programs

School:		Interdisciplinary Programs Office											
Department:		Division of Environment and Sustainability											
Program:		-			ound: Adr								
		200 Environmental management and recimology											
				Profile:	Normativ								
1													
Course	Course Code	Course Title / Courses List		1		Ī							
Offering													
Dept /													
course code prefix					Year 1	_	Year 2 Spring		Year 3 Spring	_	Year 4 Spring		
				Year 1	r 1	Year 2 Fall	۳ 2	Year 3 Fal	r s	Year 4	₩ 4	Sul	
			Credits	<b>I</b>	Spring	72	Spr	r <sub>3</sub>	Spr	r 4	Spr	Sub-tota	
			dits	Fall	ring	Fall	ring	Fall	ring	Fall	ring	otal	Remarks
Major Requirements													
Fundamental C													
COMP/ISOM	T	Note: COMP 1021 OR COMP 1022P OR ISOM 2010	3	1									
COMP	1021	Introduction to Computer Science	3			3						3	
COMP ISOM	1022P 2010	Introduction to Computing with Java Introduction to Information Systems	3			3						3	
LANG	2082	Communication for Environmental Management and Technology I	2	ļ									
LANG	2082	Communication for Environmental Management and Technology I	2			2						2	
LANG	2083	Communication for Environmental Management and Technology II	2	<del> </del>							4		
		oomination for Environmental Management and Technology II					2					2	
MATH		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR	3-4	1	<del>                                     </del>			<del>                                     </del>					
	1	MATH 1020 OR MATH 1023				Ī							
MATH	1003	Calculus and Linear Algebra	3	1	1			1					
MATH MATH	1012 1013	Calculus IA Calculus IB	4 3	4								4	
MATH	1020	Accelerated Calculus	4										
MATH	1023	Honors Calculus I	3										
	1	Required credits for Fundamental Courses	10-11	1								11	
Major Required	d Courses and F			1									
ENVR	1001	EVMT Orientation	0									0	
ENVR	1170	Big History, Sustainability and Climate Change	3				_						
ENVR	2001	Academic and Professional Development I	1		, i		3					3	
		·				0	1					1	
ENVR	2010	Environmental Science Fundamentals	3			3						3	
ENVR	2030	Material and Energy Balance for Environmental Management	3			3	ŀ					3	
ENVR	3001	Academic and Professional Development II	1										
		·						0	1			1	
ENVR	3110	Sustainable Development	3					3				3	
ENVR	3210	Environmental Technology	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	1						0	1	1	
ENVR	4320	ESG Management and Reporting	3	1					3	-		3	
ENVR	4980	Environmental Management and Technology Capstone Project I	3	1		<b>-</b>		<del> </del>	J			3	
]		- Samuel								3		3	
ENVR	4990	Environmental Management and Technology Capstone Project II	3	1	<del> </del>	<u> </u>		<del> </del>					
											3	3	
ECON	1	Note: ECON 2103 OR ECON 2113	3	1	l			1					
ECON	2103	Principles of Microeconomics	3	1	1	3		1				3	
ECON	2113	Microeconomics	3	<u> </u>	<u> </u>			<u> </u>					
FINA	2203	Fundamentals of Business Finance	3	<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	
				<u> </u>				<u> </u>	۷			۷	
MGMT	2110	Organizational Behavior	3	<u> </u>			3					3	
EVMT		Environmental Management and Technology Electives (Courses from the	12							_		10	
		specified elective list, of which at least 9 credits must be at 3000-level or above.)				I		3	3	3	3	12	
	Required	credits for Major Required Courses and Electives	65	1								65	
University CORE													
CORE	ORE 103 - C12	U CORE - Others	00	11 -	1 .	i		1	I .				
			30	3	9		3	<del>                                     </del>	3	6	6	30	
CORE	C1 & C2	U CORE - English Language	6	3	3			ļ				6	
		Sub-total for University CORE	36	<u> </u>								36	
						Teri	m load (ex	cl. free cre	dits)				
				10	12	17	18	12	15	12	16		
							11	12#					

Admission to IPO 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.

<sup>&</sup>gt;> 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/UG Curriculum Handbook for updated graduation requirements. For up-to-date information on course offering and scheduling, students should check it out from respective School and Department.

## The Hong Kong University of Science and Technology Interdisciplinary Programs Office

## EVMT via SENG

An Example on Student's Pathway (as of 2 August 2021)

Admission to IPO programs

School:		Interdisciplinary Programs Office				1							
Department:		Division of Environment and Sustainability											
Program:		BSc in Environmental Management and Technology			und: Adr								
- 3													
				Profile:	Normativ								
	Course Code	Course Title / Courses List											
Offering						- -							
Dept / course code prefix					_	] =	_		~		~		
Course ocus prome	Ì			≾	Year 1 Spring	_ ≺	Year 2 Spring	≾	Year 3 Spring	<b>*</b>	Year 4 Spring	"	
			O	Year 1	10	Year 2	20	ear	ω (0	ear	4	duŝ	
			Credits	1 Fal	) prii	2 Fall	) prii	Year 3 Fall	s prii	Year 4 Fall	òprii	Sub-tota	Damasika
			ts	all	бг	<u>a</u>	бг	all	ВL	all	ВL	<u>a</u>	Remarks
Major Requ													
Fundamental C	Courses												
COMP/ISOM COMP	1021	Note: COMP 1021 OR COMP 1022P OR ISOM 2010 Introduction to Computer Science	3			- - -							
COMP	1022P	Introduction to Computing with Java	3	3		<u> </u>						3	
ISOM	2010	Introduction to Information Systems	3			I							
LANG	2082	Communication for Environmental Management and Technology I	2			2						2	
						. <sup>2</sup>						۷	
LANG	2083	Communication for Environmental Management and Technology II	2				2					2	
NAATI I		NAME AND THE FORM OF MATTER AND OF MATTER AND OF	2 1			ļ						_	
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 MATH	1013 1020	Calculus IB Accelerated Calculus	3 4										
MATH	1023	Honors Calculus I	3										
	1	Required credits for Fundamental Courses	10-11									11	
Major Required	d Courses and I	•	1	Ш				_					
ENVR	1001	EVMT Orientation	0		Г							0	
ENVR	1170	Big History, Sustainability and Climate Change	3				3					3	
	2001	Academic and Professional Development I	1										
ENVR	2010	Environmental Science Fundamentals	3			0	1					1	
ENVR	2030	Material and Energy Balance for Environmental Management	3			3						3	
ENVN	2030	Material and Energy Balance for Environmental Management	3			3						3	
ENVR	3001	Academic and Professional Development II	1					0	1			1	
ENVR	3110	Sustainable Development	3					3	'			3	
ENVR	3210	Environmental Technology	3			<u> </u>	3	3				3	
ENVR	3220	Energy Sources and Usage	3			1 Y	3	0					
ENVR	3310	Green Business Strategy	3			<u></u>		3			0	3	
ENVR	3410	Economics for Environmental Policy and Management	3			-					3	3	
ENVR	3420	Environmental Law and Regulations	3						3			3	
						<u> </u>		3				3	
ENVR	4001	Academic and Professional Development III	1			Į				0	1	1	
ENVR	4320	ESG Management and Reporting	3			<del> </del>			3			3	
ENVR	4980	Environmental Management and Technology Capstone Project I	3			= = =				3		3	
ENVR	4990	Environmental Management and Technology Capstone Project II	3	<u> </u>		<u> </u>							
LIVIN	4990	Environmental Management and Technology Capstone Project in	3			Ī					3	3	
ECON		Note: ECON 2103 OR ECON 2113	3			-							
ECON	2103	Principles of Microeconomics	3			3						3	
	2113	Microeconomics	3			<u> </u>							
FINA	2203	Fundamentals of Business Finance	3				3					3	
	2500	Business Statistics	3			3						3	
LANG	3081	Communication for Environmental Management and Technology III	2						2			2	
MONT	0440		0			<u> </u>							
MGMT	2110	Organizational Behavior	3	<u> </u>			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	12			- - -		3	3	3	3	12	
	<u> </u>	above.)				! 		L	_ ັ	_ ັ			
	Required	I credits for Major Required Courses and Electives	65			ĺ						65	
University (		· ·	•			_	•	•					,
	C3 - C12	U CORE - Others	30	6	3	3	3		3	6	6	30	
	C1 & C2	U CORE - English Language	6	3	3		3		3	J	J	6	
	1 -	Sub-total for University CORE			3	<del>                                     </del>						36	
		Sub-total for Offiversity CORE	30	<b> </b>		Т	m load /s::	rol from a	odita)			30	
						_	· ·	cl. free cre	·				
				16	6	17	18	12	15	12	16		
							11	12#					

Note:

Admission to IPO 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 Interdisciplinary Programs Office



An Example on Student's Pathway (as of 2 August 2021)

Admission to IPO programs

School:		Interdisciplinary Programs Office			Student's Pathways (i.e. Study Pattern)									
Department:		Division of Environment and Sustainability												
Program:		BSc in Environmental Management and Technology	Pathway 1 Background: Admitted to SBM in Year 1											
Fiogram.		200 in Environmental management and recimology	Dackground, Admitted to SDIVI III Teal 1											
				Profile:	Normativ									
Course	Course Code	Course Title / Courses List		1	1	I	1			I				
Offering						I 3								
Dept /														
course code prefix					Ye	I .	Ye		Ye		Year 4			
				Year 1	ar 1	Yea	ar 2	Yea	ar 3	Yea	ar 4	Su		
			Cre	<u> </u>	Sp	۳2	Sp	r 3	Sp	ır 4	Sp	Sub-tota		
			Credits	Fall	Year 1 Spring	Year 2 Fall	Year 2 Spring	Year 3 Fall	Year 3 Spring	Year 4 Fall	Spring	otal	Remarks	
Major Requ	irements					-				-				
Fundamental C														
COMP/ISOM	1	Note: COMP 1021 OR COMP 1022P OR ISOM 2010	3	1	1		1			Ī.				
COMP	1021	Introduction to Computer Science	3			3						3		
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	2	1		<u> </u>				_				
LANG	2002	Communication for Environmental Management and recomblegy i	_			2						2		
LANG	2083	Communication for Environmental Management and Technology II	2	1		<u>-</u> 								
		3,				I	2					2		
MATH		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR	3-4			<del>1</del> 1								
MATU	1003	MATH 1020 OR MATH 1023	_											
MATH MATH	1003 1012	Calculus and Linear Algebra Calculus IA	3 4						· `			0		
MATH	1013	Calculus IB	3	3								3		
MATH	1020	Accelerated Calculus	4			<u> </u>								
MATH	1023	Honors Calculus I	3											
		Required credits for Fundamental Courses	10-11									10		
	d Courses and I													
ENVR	1001	EVMT Orientation	0									0		
ENVR	1170	Big History, Sustainability and Climate Change	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	ŀ					3		
												3		
ENVR	3001	Academic and Professional Development II	1			Ī		0	1			1		
ENVR	3110	Sustainable Development	3			<u> </u>		3				3		
ENVR	3210	Environmental Technology	3				3					3		
ENVR	3220	Energy Sources and Usage	3			Ĭ		3				3		
ENVR	3310	Green Business Strategy	3			- -					3	3		
ENVR	3410	Economics for Environmental Policy and Management	3			1			3			3		
ENVR	3420	Environmental Law and Regulations	3					3				3		
ENVR	4001	Academic and Professional Development III	1	1		; 				0	1	1		
ENVR	4320	ESG Management and Reporting	3	1		<del>!</del>			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			î I					_	0		
						<u> </u>					3	3		
ECON ECON	2103	Note: ECON 2103 OR ECON 2113	3											
ECON ECON	2103 2113	Principles of Microeconomics Microeconomics	3 3	3		Ī						3		
FINA	2203	Fundamentals of Business Finance	3	1		<del></del>	3					3		
ISOM	2500	Business Statistics	3		3	<u> </u>						3		
LANG	3081	Communication for Environmental Management and Technology III	2			1						-		
						= 			2			2		
MGMT	2110	Organizational Behavior	3	1		<del></del>	3					3		
EVMT		Environmental Management and Technology Electives (Courses from the	12			<del>!</del>								
		specified elective list, of which at least 9 credits must be at 3000-level or above.)				l		3	3	3	3	12		
	Requires	I credits for Major Required Courses and Electives	65	1		<u> </u>						65		
l limite and the c		referres for major nequired courses and Electives	ช่อ	<u> </u>	<u> </u>	<u> </u>	<u> </u>			<u> </u>		CO		
University C		ILL CODE. College	1 00	П	1	-	1			1	<u> </u>			
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	! <del> </del>						6		
		Sub-total for University CORE	36	<b> </b>								36		
					•	Ter	m load (ex	cl. free cre	dits)	•				
				12	12	14	18	12	15	12	16			
				11	1#									

Note: Admission to IPO programs

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