The Hong Kong University of Science and Technology Interdisciplinary Programs Office



An Example on Student's Pathway (as of 24 July 2017)

Admission to IPO programs

Student's Pathways (i.e. Study Pattern) School: Interdisciplinary Programs Office 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 Code Course Title / Courses List Course Offering Dept / course code prefix Year 1 Spri Remarks **Major Requirements** Fundamental Courses COMP/ISOM Note: COMP 1021 OR COMP 1022P OR COMP 1022Q OR Introduction to Computer Science COMP 1021 3 3 1022P COMP Introduction to Computing with Java COMP 1022Q ntroduction to Computing with Excel VBA ISOM ntroduction to Information Systems LANG ommunication for Environmental Management and Technology I LANG 2083 Communication for Environmental Management and Technology II 2 2 MATH Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 MATH 1003 Calculus and Linear Algebra 3 MATH 1012 Calculus IA MATH 1013 Calculus IB 3 MATH 1020 Accelerated Calculus Honors Calculus I MATH Required credits for Fundamental Courses 11 Major Required Courses and Electives 0 **ENVR** 170 Big History, Sustainability and Climate Change 3 **ENVR** 2001 Academic and Professional Development I ENVR 3 3 3 ENVR 2030 Material and Energy Balance for Environmental Management 3 3 3 ENVR Academic and Professional Development II 0 **ENVR** 3110 Sustainable Development 3 3 3 **ENVR** Environmental Technology 3210 3 3 ENVR 3220 3 **ENVR** 3310 Green Business Strategy 3 **ENVR** Economics for Environmental Policy and Management 3410 3 ENVR 3420 Environmental Law and Regulations 3 3 **ENVR** 4001 Academic and Professional Development III 1 0 ENVR 4320 ESG Management and Reporting 3 3 3 ENVR nvironmental Management and Technology Capstone Project I 3 3 **ENVR** 4990 Environmental Management and Technology Capstone Project II 3 3 ECON **ECON** 2103 Principles of Microeconomics 3 **ECON** 2113 FINA 2203 Fundamentals of Business Finance ISOM 2500 3 3 LANG 3081 Communication for Environmental Management and Technology III 2 2 MGMT 3 3 **EVMT** Environmental Management and Technology Electives (Courses from the specified elective 12 list, of which at least 9 credits must be at 3000-level or above.) 12 Required credits for Major Required Courses and Electives 65 65 **University CORE** U CORE - Others 30 30 U CORE - English Language **Sub-total for University CORE** 36 10 14 12 16

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.

>> 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.

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Interdisciplinary Programs Office

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		Interdisciplinary Programs Office		-				Student's Pathway 1		s (i.e. Study	/ Pattern)	1	
Department:		Division of Environment and Sustainability BSc in Environmental Management and Technology			nd: Admitta								
Program:		BSC in Environmental Management and Technology			Background: Admitted to SENG in Year 1								
				Profile: Normative									
Course	Course Code	Course Title / Courses List											
Offering													
Dept / course code prefix					ĕ		ĕ		 ĕ		≼		
promise				é	Year 1	Ye	ar 2	Yea	ar G	Yea	ar 2	ည	
			Cre	Year 1	Sprin	Year 2 Fal	Year 2 Sprin	Year 3 Fal	Year 3 Spring	Year 4 Fa	Year 4 Spring	Sub-tota	
			Credits	Fa	ring	Fall	ring	Fall	ring	Fall	ring	otal	Remarks
Major Require	ments								_				
Fundamental Cou													
COMP/ISOM		Note: COMP 1021 OR COMP 1022P OR COMP 1022Q OR	3										
COMP	1021	ISOM 2010	0										
COMP	1022P	Introduction to Computer Science Introduction to Computing with Java	3 3	3		ļ						3	
COMP	1022Q	Introduction to Computing with Excel VBA	3										
ISOM LANG	2010 2082	Introduction to Information Systems Communication for Environmental Management and Technology I	3	-									
		2	_			2						2	
LANG	2083	Communication for Environmental Management and Technology II	2	1			_	4				-	
							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 MATH	1012	Calculus IA	4	4								4	
MATH	1013 1020	Calculus IB Accelerated Calculus	3 4										
MATH	1023	Honors Calculus I	3										
									11				
Major Required C													
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	4		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	Sustainable Development	3					3				3	
ENVR	3210	Environmental Technology	3				3					3	
ENVR	3220	Energy Resources 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				-						
		2Simonia management and reciminingly capatione i Toject ii	J			! !					3	3	
ECON		Note: ECON 2103 OR ECON 2113	3				<u> </u>						
ECON ECON	2103 2113	Principles of Microeconomics	3				3					3	
FINA	2203	Microeconomics Fundamentals of Business Finance	3	1] 		3					3	
ISOM	2500	Business Statistics	3	1		3	L ~					3	
LANG	3081	Communication for Environmental Management and Technology III	2			_	İ	_					
					<u> </u>			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				Ī			6	6	10	
		not, or minor at loads o cround must be at 3000-level or above.)								Ö	Ö	12	
	-	Required credits for Major Required Courses and Electives	65									65	
University CO													
CORE	C3 - C12	U CORE - Others	30	6	3	3	3	3	6	3	3	30	
CORE	C1 & C2	U CORE - English Language	6	3	3		1					6	
	-	Sub-total for University CORE	36									36	
						T	erm load (ex	cl. free credit	ts)	<u> </u>			
				16	6	17	18	14	13	12	16		

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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Admission to IPO programs

14

12

16

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.

12

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