The Hong Kong University of Science and Technology Interdisciplinary Programs Office An Example on Student's Pathway

CIGBM 2019-20 Intake

- .		All Example on		шу	<< Dec										
School: Program:		School of Engineering and School of Business Management Dual Degree Program (BEng in Civil Engineering and BBA in General Busin			Student's Pathway										
		Management)													
Course	Course Code	Course Title / Courses List				:									+
Offering Dept. (course code prefix)				Year	Year 1 Sp	Year	Year 2 Sp	Year	Year 3 Sp	Year	Year	Year	Year 5 Sp	ç,	
			Cred	ar 1 F	1 Spri	ar 2 F	2 Spri	ar 3 F	3 Spri	ar 4 F	4 Spri	ar 5 F	5 Spri	Sub-tota	
BEng in Civ	/il Engineerii	na	75	<u>a</u>	- E	<u> </u>	ē	<u> </u>	ng.	<u> </u>	- PG	<u> </u>	- P	<u> </u>	
Major Require	ements	~ 5													
	damental Courses	Note: COMP 1021 OR COMP 1022P OR COMP 1022Q OR COMP 2011	3-4			;			1			1			1
COMP	1021 1022P	Introduction to Computer Science Introduction to Computing with Java	3		3	!								3	This course will also be used to substitute ISOM 2010
COMP	1022Q 2011	Introduction to Computing with Excel VBA Programming with C++	3 4			<u> </u>								<u> </u>	
ENGG	1010	Academic Orientation Note: CHEM 1010 OR CHEM 1020 General Chemistry IA	3	3	0	i 								3	
CHEM LANG	1020	General Chemistry IB Technical Communication I	3	-		<u>i — </u>		3						3	
240	2000	Note: ((MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1020)]	4-7			!									
MATH MATH	1012 1013	Calculus IA Calculus IB	4 3	3	3	!								6	
MATH MATH	1014 1020	Calculus II Accelerated Calculus	3 4 3		3	i									
MATH MATH	1023 1024	Honors Calculus I Honors Calculus II	3			<u>i </u>									
MATH MATH	2011	Introduction to Multivariable Calculus Applied Linear Algebra and Differential Equations	3			3								3	
PHYS	1112	Note: PHYS 1112 OR PHYS 1312 General Physics I with Calculus	3	3		1								3	
PHYS	1312	Honors General Physics I Required credits for Engineering Fundamental Courses	3 22-26			<u> </u>								24	
	Courses and Electiv	/es	0	11	1			1	I		I	1	1		1
CIVL	1010	Academic Professional Development I Discovering Civil and Environmental Engineering	3		3	0	0							3	
CIVL	2010	Academic Professional Development II Industrial and BIM Training	0			0*	0	0	0					0	
CIVL	2110	Statics	3			3								3	
CIVL	2120	Mechanics of Materials Modeling Systems with Uncertainties	3			3	3							3	This course will also be used to
CIVL	2170	Infrastructure Systems Engineering and Management	3				3							3	substitute ISOM 2500
CIVL	2410 2510	Environmental Assessment and Management Fluid Mechanics	3			i 	3							3	+
CIVL	2810 3010	Construction Materials Academic Professional Development III	3			Ĭ .		3						3	
CIVL CIVL	3020	Academic Professional Development III Internship Training	0			į				0	0			0	
CIVL	3210 3310	Introduction to Construction Management Structural Analysis	3			!		3	3					3	
CIVL	3320	Reinforced Concrete Design	3						3					3	
CIVL	3510 3610	Hydrosystems Engineering Traffic and Transportation Engineering	3			i		3	3					3	
CIVL	3730 3740	Fundamentals of Geotechnics Geotechnical Analysis and Design	3			i				3	3			3	
CIVL	4910	Note: CIVL 4910 OR CIVL 4920 Civil and Environmental Engineering Final Year Project	6			†						3	3	6	
CIVL	4920 4950	Civil and Environmental Engineering Final Year Thesis Civil Engineering Capstone Design Project	6			<u> </u>						3	_	3	
ENGG	2010	Engineering Seminar Series	0			0	0	0	0					0	
LANG	4033	Technical Communication II for Civil and Environmental Engineering CIVL Electives (3 courses from the specified elective list)	3			<u>: </u>						3		3	
CIVL/SENG CIVL		CIVL: Any CIVL courses at 4000-level or above except CIVL 4230	9			i					3	3	3	9	
SENG	Req	SENG: Any 3000-level or above courses offered by the Engineering School or engineering departments other than CIVL uired credits for Major Requirements Courses and Electives	66			<u> </u>								66	
BBA in Gen	eral Busines	ss Management			•			•	•		•		•		
School Requi	rements 2010	Principles of Accounting I	3	П	1	3	1		1			1	1	3	T
ACCT	2200	Principles of Accounting II Note: ECON 2103 OR ECON 2113	3			-			3					3	
ECON ECON	2103 2113	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics	3			i	3							3	
ECON	2123	Note: ECON 2123 OR ECON 3123 Macroeconomics	3			<u>† </u>		3						3	
ECON FINA	3123 2303	Macroeconomic Theory I Financial Management	3			<u> </u>			3					3	
ISOM	2010	Introduction to Information Systems	3	-	-	<u> </u>	_	-			-	-	-	0	Substituted by COMP 1021/1022P/1022Q
ISOM ISOM	2020 2500	Coding for Business Business Statistics	1 3			<u> </u>	1							1 0	Substituted by CIVL 2160
ISOM	2600	Introduction to Business Analytics	1				1							1	Substituted by CIVE 2160
ISOM MARK	2700 2120	Operations Management Marketing Management	3	-		 	3		3					3	
MGMT MGMT	2010	Business Ethics and the Individual Organizational Behavior	2	1				2						2	
MGMT	2130	Business Ethics and Social Responsibility	2			!		3			2			2	
SBMT	1111 2040	Business Student Induction Business Case Analyses	0			-		-		-			3	0	Waived for DDP students
LABU	2060	Effective Communication in Business	3							3				3	
MATH MATH	1003 1012	Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IA	3-4 3 4			i									DDP students should take MATH 1012 or MATH 1013 or MATH 1020
MATH MATH	1013 1020	Calculus IB Accelerated Calculus	3 4	(3)		į								0	or MATH 1023 to satisfy the requirements of both BEng and BBA
MATH	1023	Honors Calculus I Required credits for School Requirements	3			<u>!</u>	-	-				-	_	36	degrees
Major Requirements															
Major Required C	Courses and Electiv	/es SB&M Electives (Any 9 courses offered by the departments under SB&M, of which at least	00	1	-						_	-	-	25	
SB&M	I	4 courses are of 3000-level or above.) Required credits for Major Required Courses and Electives	29 29	1	3	3	 		-	3	6	7	7	29 29	1
	Requirement	s													
	for Dual Degre														
TEMG	1010	Technology and Management Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	
TEMG	3950	Case-based Problem Solving Required credits for Additional Requirements	2	1	2	i 	 		-		-	1	1	2	1
University CO		· · · · · · · · · · · · · · · · · · ·			1	-				1			1		1
CORE	C3 - C12 C1 & C2	U CORE - Others U CORE - English Language	30 6	6	3	L			3	9	6		3	30 6	
		Sub-total for University CORE	36					Term load (ex	cl. free cred	ts)				36	
				18	20	18	20	20	21	18	20	19	19	1	
				Щ_				19	3##					1	