## The Hong Kong University of Science and Technology

School:					,,	)22)   Dagies		د دیا	4/-				(Via DE	PPBA)	
		School of Engineering and School of Business Management				<< Declai		<< Declar BBA maj		Student	s Pathway				
ogram:		Dual Degree Program (BEng in Civil Engineering and BBA in Management)	)												
ourse ffering 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	Year 5 Fall	Year 5 Spring	Sub-total	Remarks
	il Engineer	ing			ng		ng		Bu	_	ng	_	ng		
lajor Requirengineering Fund	ements lamental Course	S	3-5	П	1	·	1	1	1	T				1	
OMP OMP	1021 1022P	Introduction to Computer Science Introduction to Computing with Java	3		3	! !		ļ Į						3	Students should take COMF which will also be used to sul ISOM 2010 and to waive IS
OMP OMP HEM	2011 2012H 1020	Programming with C++ Honors Obiect-Oriented Programming and Data Structures General Chemistry I	4 5 3	3		<u> </u>		<u>i</u>						3	2020
ANG	2030	Technical Communication I  Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND	3 4-7					<del></del>						0	Waived for DDP studen
IATH IATH	1012 1013	(MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IA Calculus IB	4 3			į		į							
IATH IATH IATH	1014 1020 1023	Calculus II Accelerated Calculus Honors Calculus I	3 4 3	3	3	! !		į						6	
IATH IATH	1024 2011	Honors Calculus II Introduction to Multivariable Calculus	3			3		<u> </u>						3	
IATH	2350	Applied Linear Algebra and Differential Equations Note: PHYS 1112 OR PHYS 1312 General Physics I with Calculus	3			3		!						3	
HYS HYS	1112 1312	Honors General Physics I  Required credits for Engineering Fundamental Courses	3 3 22-27	9	6	6	0	0	0	0	0	0	0	3 21	
lajor Required C ⊳∨∟	ourses and Elec	tives Academic Professional Development I	0			0	0	!						0	
IVL IVL	1100 2010	Discovering Civil and Environmental Engineering Academic Professional Development II	3			3		0	0					3	
IVL IVL	2020 2110	Industrial and BIM Training Statics	0			0* 3	0							0	
IVL IVL	2120 2160	Mechanics of Materials  Modeling Systems with Uncertainties	3			3	3	i —						3	This course will also be use substitute ISOM 2500
CIVL	2170 2410	Infrastructure Systems Engineering and Management Environmental Assessment and Management	3			<del></del>	3	<u> </u>						3	Substituté ISOM 2500
SIVL	2510 2810	Fluid Mechanics  Construction Materials	3			<u> </u>	3	3						3	
IVL	3010 3020	Academic Professional Development III Internship Training	0			<del>:</del>		<del>!</del>		0	0			0	
IVL IVL	3210 3310	Introduction to Construction Management Structural Analysis	3			<u> </u>		3	3		Ļ			3	
IVL IVL	3320 3510	Reinforced Concrete Design Hydrosystems Engineering	3			<u> </u>		3	3					3	
VL VL	3610 3730	Traffic and Transportation Engineering Fundamentals of Geotechnics	3			•		İ	3	3				3	
IVL	3740	Geotechnical Analysis and Design  Note: CIVL 4910 OR CIVL 4920 (Students taking the Research 6	3			<u> </u>				J	3			3	
IVL	4910 4920	Option must take CIVL 4920) Civil and Environmental Engineering Final Year Project Civil and Environmental Engineering Final Year Thesis	6			į		į				3	3	6	
IVL IVL NGG	4950 4950 2010	Livil and Environmental Engineering Final Year Thesis Civil Engineering Capstone Design Project Engineering Seminar Series	3			0	0	0	0			3		3	
ANG	4033	Technical Communication II for Civil and Environmental Engineering CIVL Electives (3 courses from the specified elective list)	3			÷	0		0			3		3	
CIVL/SENG		CIVL: Any CIVL courses at 4000-level or above except CIVL 4230 SENG: Any 3000-level or above courses offered by the Engineering School or	9			! !		! !			3	3	3	9	
DDA in Man		engineering departments other than CIVL equired credits for Major Requirements Courses and Electives	66			<u>i                                      </u>		İ						66	
BBA in Man School Requi	rements														
CCT						• •		<u>i                                      </u>	3						
	2010 2200	Principles of Accounting I Principles of Accounting II	3			3		1	J					3	
ACCT ECON		Principles of Accounting II  Note: ECON 2103 OR ECON 2113  Principles of Microeconomics  Microeconomics			3	3		<del>i</del> !							
ACCT ECON ECON	2200 2103 2113 2123	Principles of Accounting II Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics	3		3	3 		3						3	
ACCT ECON ECON ECON ECON ECON	2103 2113 2123 3123 2303	Principles of Accounting II  Note: ECON 2103 OR ECON 2113  Principles of Microeconomics  Microeconomics  Note: ECON 2123 OR ECON 3123  Macroeconomics  Macroeconomics  Macroeconomic Theory I  Financial Management	3 3 3 3 3 3			3	3	<u> </u>						3 3 3	
ACCT ECON ECON ECON ECON ECON ENTRY	2103 2113 2123 3123	Principles of Accounting II  Note: ECON 2103 OR ECON 2113  Principles of Microeconomics  Microeconomics  Note: ECON 2123 OR ECON 3123  Macroeconomics  Macroeconomics  Macroeconomic Theory I	3 3 3 3		3		3	3						3 3	Substituted by COMP 1021/1 2011/2012H Waived for DDP students if have taken and passed COMI
CCT CON CON CON CON CON CON SOM SOM	2200 2103 2113 2123 3123 2203 2010 2020 2500	Principles of Accounting II  Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics Macroeconomic Theory I  Financial Management Introduction to Information Systems  Coding for Business  Business Statistics	3 3 3 3 3 3 3 1	1										3 3 3 0 0	2011/ 2012H Waived for DDP students if have taken and passed COM or COMP 1029P
CCT CON CON CON CON CON NINA SOM SOM SOM SOM	2200 2103 2113 2123 3123 2303 2010 2020 2500 2600 2700	Principles of Accounting II Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics Macroeconomic Theory I Financial Management Introduction to Information Systems  Coding for Business  Business Statistics Introduction to Business Analytics Operations Management	3 3 3 3 3 3 3 1 1			 	  1							3 3 3 0 0 0 1 1 3	2011/ 2012H Waived for DDP students if have taken and passed COM
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CCCT CCON CCON CCON CCON CCON CCON SOM SOM SOM SOM AARIK IGMT	2200 2103 2113 2123 3123 2303 2010 2020 2500 2600 2700 2120 2010 2110 2130	Principles of Accounting II Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics Macroeconomic Theory I Financial Management Introduction to Information Systems  Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility	3 3 3 3 3 3 3 1 1 3 3 3 2 3 3 2			  2 3	  1 3		3					3 3 3 0 0 0 1 1 3 3 2	2011/2012H Waived for DDP students if have taken and passed COM or COMP 1029P Substituted by CIVL 216  MGMT 2110 is a major prequisite
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CCT CON CON CON CON CON SOM SOM SOM SOM SOM SOM SOM SOM SOM SOM	2200 2103 2113 2123 3123 2303 2010 2020 2500 2600 2700 2120 2010 2110 2110 2130 2040 2060 1003	Principles of Accounting II  Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Microeconomics Microeconomics Macroeconomics Macroeconomic Theory I Financial Management Introduction to Information Systems  Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra	3 3 3 3 3 3 3 1 1 3 3 2 3 3 2 2 3 3 3 3			  2 3	  1 3		3					3 3 3 0 0 0 0 1 1 3 3 2 3 2	2011/2012H Waived for DDP students if have taken and passed COM or COMP 1029P Substituted by CIVL 216  MGMT 2110 is a major pi
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( ) indicates the reuse of the same course to fulfill more than one requirement.

\* Courses offered in winter term

^ Courses offered in summer term

--- denotes the course/requirement is either waived or substituted  $\label{thm:complete} \textit{## To graduate, students should complete all requirements as specified for DDP.}$