The Hong Kong University of Science and Technology Academy of Interdisciplinary Studies An Example on Student's Pathway (as of August 8, 2024)

CIMGMT 2024-25 Intake (Via DDP PBA)

chool:		School of Engineering and School of Business Management		П		SEng ma		<< Decla BBA maj		Student	s Pathway				
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ogram:		Dual Degree Program (BEng in Civil Engineering and BBA in Management)													
urse			Ω,	Yea	Year	Yea	Year	Yea	Year	Yea	Year	Yea	Year	Sut	Remarks
ering Dept. urse code prefix)	Course Code	Course Title / Courses List	Credits	Year 1 Fall	Year 1 Spring	Year 2 Fall	/ear 2 Spring	Year 3 Fall	ear 3 Spring	Year 4 Fall	Year 4 Spring	Year 5 Fall	ear 5 Spring	Sub-total	
Ena in Civ	ril Engineeri	na			g		g		g		g		g		
ajor Require	ements														
igineering Fund	amental Courses	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Introduction to Computer Science	3-5 3					i							Students should take COM
OMP OMP	1022P 2011	Introduction to Computing with Java Programming with C++	3 4		3	: !		į						3	which will also be used to s ISOM 2010 and to waive 2020
OMP HEM	2012H 1012	Honors Object-Oriented Programming and Data Structures General Chemistry B: Atomic Structure, Molecules, and Bonding Theories	3	3		<u> </u>		<u>į </u>						3	
ATH	□ 1012	Note: ((MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IA	4-7			<u> </u> 		ļ							
ATH ATH	1013 1014	Calculus IB Calculus II	3	3	3	į		į						6	
ATH ATH ATH	1020 1023 1024	Accelerated Calculus Honors Calculus I Honors Calculus II	4 3 3			į !		į							
ATH ATH	2011 2350	Introduction to Multivariable Calculus Applied Linear Algebra and Differential Equations	3			3		•						3	
HYS	1112	Note: PHYS 1112 OR PHYS 1312□ General Physics I with Calculus□	3	3		j		į						3	
HYS	1312	Honors General Physics Required credits for Engineering Fundamental Courses	3 19-24	9	6	6	0	0	0	0	0	0	0	21	
lajor Required C ^{∨∟}	ourses and Elect	Ves Academic Professional Development I	0			0	0	i						0	
/L /L	1100 2010	Discovering Civil and Environmental Engineering Academic Professional Development II	3			3		0	0					3	
VL	2020	Industrial and BIM Training	0			0*	0	<u> </u>						0	
VL VL	2110 2120	Statics Mechanics of Materials	3			3	3							3	
IVL	2160	Modeling Systems with Uncertainties	3			3	_	-						3	This course will also be us substitute ISOM 2500
VL VL	2170 2410	Infrastructure Systems Engineering and Management Environmental Assessment and Management	3				3	<u>i </u>						3	
VL VL	2510 2810	Fluid Mechanics Construction Materials	3				3	3						3	
VL	3010	Academic Professional Development III	0			<u> </u>		Ļ		0	0			0	
VL VL	3020 3210	Internship Training Introduction to Construction Management	3	L		<u> </u>		<u>!</u>	3		0^	L		3	
VL VL	3310 3320	Structural Analysis Reinforced Concrete Design	3			:		3	3					3	
VL	3510	Hydrosystems Engineering	3			<u> </u>		3						3	
VL VL	3610 3730	Traffic and Transportation Engineering Fundamentals of Geotechnics	3			<u> </u>		! 	3	3				3	
VL	3740	Geotechnical Analysis and Design Note: CIVL 4910 OR CIVL 4920 (Students taking the Research 6	3					:			3			3	
VL	4910	Option must take CIVL 4920) Civil and Environmental Engineering Final Year Project	6			<u> </u>		:				3	3	6	
VL VL	4920 4950	Civil and Environmental Engineering Final Year Thesis Civil Engineering Capstone Design Project	3					<u>i</u>				3		3	
NGG	2010	Engineering Seminar Series CIVL Electives (3 courses from the specified elective list)	0			0	0	0	0					0	
IVL/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	
	R	engineering departments other than CIVL equired credits for Major Requirements Courses and Electives	63			<u> </u>		<u> </u>						63	
BBA in Man															
School Requi	rements 2010	Principles of Accounting I	3	1		3		<u>. </u>			Ι		1	3	1
CCT	2200	Principles of Accounting II Note: ECON 2103 OR ECON 2113	3			į —		<u> </u>	3					3	
CON	2103 2113	Principles of Microeconomics Microeconomics	3		3	! :		!						3	
CON	2123	Note: ECON 2123 OR ECON 3123 Macroeconomics	3					3						3	
CON INA	3123 2303	Macroeconomic Theory I Financial Management	3				3	i						3	
МОМ	2010	Introduction to Information Systems	3			<u> </u>		<u>i</u>						0	Substituted by COMP 1021/ 2011/ 2012H
															Waiwed for DDB students i
SOM	2020	Coding for Business	1											0	Waived for DDP students i have taken and passed COM or COMP 1029P
ЮМ	2500	Business Statistics	3			 								0	have taken and passed COM or COMP 1029P
SOM SOM	2500 2600 2700	Business Statistics Introduction to Business Analytics Operations Management	3 1 3			<u>: </u>				3		1		0 1 3	have taken and passed COM
GOM GOM GOM	2500 2600	Business Statistics Introduction to Business Analytics	3			<u>: </u>	3				2			0	have taken and passed COM or COMP 1029P
SOM SOM SOM ARK GMT	2500 2600 2700 2120	Business Statistics Introduction to Business Analytics Operations Management Marketing Management	3 1 3 3			<u>: </u>								0 1 3 3	have taken and passed COM or COMP 1029P
SOM SOM SOM SOM SOM SOM GOM GOMT	2500 2600 2700 2120 2010	Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual	3 1 3 3 2			<u>: </u>								0 1 3 3 2	have taken and passed COh or COMP 1029P Substituted by CIVL 21
SOM SOM SOM ARK IGMT IGMT IGMT IATH	2500 2600 2700 2120 2010 2110 2130 1003	Business Statistics Introduction to Business Analytics Operations Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra Calculus IA	3 1 3 3 2 3 2 3-4 3 4			<u>: </u>								0 1 3 3 2 3	have taken and passed COM or COMP 1029P Substituted by CIVL 21 MGMT 2110 is a major pre-d DDP students should take 1012 or MATH 1013 or MAT or MATH 1023 to satisfy
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**Remarks on course(s):

^() indicates the reuse of the same course to fulfill more than one requirement.

[^] Courses offered in summer term --- denotes the course/requirement is either waived or substituted

^{##} To graduate, students should complete all requirements as specified for DDP.

>> 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.