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

COMGMT 2020-21 Intake (Via DDP PBA)

School: Program:		Inhald Francisco		П		<< Decla BEng ma		<< Declar BBA maj		6: :	- D				
Program:		School of Engineering and School of Business Management								Student's	Pathway				
		Dual Degree Program (BEng in Computer Science and BBA in Management	t)												
Course Offering 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
Major Require		nce													
	damental Courses	Note: COMP1021 OR COMP1022P Introduction to Computer Science Introduction to Computing with Java	3 3	3		<u> </u> 		i i						3	This course will also be used substitute ISOM 2010
ENGG	1010	Academic Orientation Note: CHEM1004 OR CHEM1010 OR CHEM1020 OR LIFS1901 OR PHYS1001 OR PHYS1112 OR PHYS1312 Chemistry in Everyday Life	0	0	0	<u>i</u>		i i						0	
CHEM CHEM LIFS PHYS	1010 1020 1901 1001	General Chemistry IA General Chemistry IB General Chemistry IB General Biology I Physics and the Modern Society	3 3 3 3	3		! ! :		<u> </u> 						3	
PHYS	1112 1312 2030	General Physics I with Calculus Honors General Physics I Technical Communication I	3 3 3			<u> </u>		3						3	
	1012 1013 1014	Note: ([MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IB Calculus IB	4-7 4 3 3	3	3	! !		i i						6	
MATH MATH MATH	1020 1023 1024	Accelerated Calculus Honors Calculus I Honors Calculus I Matrix Algebra and Applications	4 3 3			3		 						3	
SENG	2111	Engineering Introduction course (COMP students may also use COMP1022P or COMP1022Q to fulfill this requirement) Required credits for Engineering Fundamental Courses	3-4	(3)		<u> </u>		i i						0 18	
Major Required C	ourses and Electiv		5-8	1	1				l I				1		1
COMP	2011 2012 2012H 2611	Programming with C++ Object-Oriented Programming and Data Structures Honors Object-Oriented Programming and Data Structures Computer Organization	4 4 5			4	4	i i	4					8	
COMP COMP	2711 2711H	Note: COMP2711 OR COMP2711H Discrete Mathematical Tools for Computer Science Honors Discrete Mathematical Tools for Computer Science Note: COMP3111 OR COMP3111H	4 4			4		!						4	
COMP	3111 3111H 3511	Software Engineering Honors Software Engineering Operating Systems	4 4 3			! 		4		3				3	
	3711 3711H	Note: COMP3711 OR COMP3711H Design and Analysis of Algorithms Honors Design and Analysis of Algorithms Note: Students are required to take COMP4900 for every regular	3-4 3 4			! !		3						3	
COMP	4900	term in which they are in residency at HKUST with major in COMP Academic and Professional Development Note: (COMP4981 OR COMP4981H) AND COMP1991 OR COMP4910	6			0	0	0	0	0	0	0	0	0	
COMP	1991 4981 4981H 4910	Industrial Experience Final Year Project Final Year Thesis Co-op FYP Program John Elic (2000) OR JELMOSTO OR MATHOMATICALS OR MATHOMATICALS OR MATHOMATICALS OR MATHOMATICALS OR MATHOMATICALS OR MATHOMATICALS OR MATHOMAT	0 6 6 6			<u>i</u> <u>i</u>		i Ļ				3	3	6	
IEDA	2600 2520 2540 2411	Note: ELEC2600 OR IELM2510 OR MATH2411 OR MATH2421 OR MATH2431 Probability and Random Processes in Engineering Probability for Engineers Statistics for Engineers Applied Statistics	3-4 4 3 3			4		! !						4	Students should take MATH 24 which will also be used to substitute ISOM 2500.
	2411 2421 2431 2010	Applied Statistics Probability Honors Probability Engineering Seminar Series	4 4 4			0	0	0	0					0	SUBSTITUTE ISOM 2500.
LANG COMP	4030	Technical Communication II for CSE & CPEG COMP Electives (5 courses from the specified elective list, of which at least 3 courses should be taken from 1 area and at least 2 courses outside that area.)	3 15							3	6	3	3	3 15	
COMP	Re	COMP Elective (Any 1 course offered under COMP) quired credits for Major Requirements Courses and Electives	3 53-58			<u> </u>		 					3	3 57	
	rements 2010	Principles of Accounting I	3		1	-		i					1	3	T
ACCT	2200	lactor of the control			 	3							 		-
	2103 2113	Principles of Accounting II Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics	3 3 3			3	3	 	3					3	
ECON ECON ECON	2113 2123 3123	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	
ECON ECON ECON ECON FINA ISOM	2113 2123 3123 2303 2010	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	3 3 3 3 3			3	3	3	3					3 3 3 0	Substituted by COMP 1021/102
ECON ECON ECON ECON FINA ISOM ISOM	2113 2123 3123 2303 2010 2020 2500	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	3 3 3 3 3 1				3 1	<u> </u>						3 3 3 0 1	Substituted by COMP 1021/102 Substituted by MATH 2411
ECON ECON ECON ECON FINA ISOM	2113 2123 3123 2303 2010 2020	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics Macroeconomics Macroeconomic Theory I Financial Management Introduction to Information Systems Coding for Business	3 3 3 3 3				3 1							3 3 3 0	
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 2303 2010 2020 2500 2600	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomic Theory I Financial Management Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics	3 3 3 3 3 1 1 3				3 1							3 3 3 0 1 0	
ECON ECON ECON ECON FINA ISOM ISOM ISOM ISOM ISOM ISOM ISOM ISOM	2113 2123 3123 2303 2010 2020 2500 2600 2700 2120 2010 2110	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 Marketing Management Business Ethics and the Individual Organizational Behavior	3 3 3 3 3 1 1 3 1 3 3 2 2				3 1 1							3 3 3 0 1 0 1 1 3 3 2 3	
ECON ECON ECON ECON ECON ECON ISOM ISOM ISOM ISOM ISOM ISOM ISOM MARK MGMT MGMT MGMT SBMT	2113 2123 3123 2303 22010 2020 2500 2600 2700 2120 2110 2110 2130 1111	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomic Macroeconomic Theory I Financial Management Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Student Induction	3 3 3 3 3 1 1 3 3 3 2 2 3 3 2 2 0 0		3		3 1 1 2							3 3 3 0 1 0 1 0 1 1 3 3 2 2 3	Substituted by MATH 2411 MGMT 2110 is a major pre-
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 2303 22010 2020 2500 2600 2700 2110 2110 2130	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 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 1 1 3 1 3 3 2 3 2		3		3 1 1		3	2				3 3 3 0 1 0 1 0 1 3 3 2 3 2	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite
ECON ECON ECON ECON ECON ECON ECON ISOM ISOM ISOM ISOM ISOM ISOM ISOM ISOM	2113 2123 3123 2303 2010 2020 2500 2600 2700 2120 2010 2110 2130 11111 2040 2060	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomic 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 Student Induction Business Student Induction Business Scase Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1023 Calculus and Linear Algebra	3 3 3 3 3 3 1 1 3 3 3 2 2 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3		3		3 1 1 2		3	2				3 3 3 0 1 1 0 1 3 3 2 3 2 0 3 3 3	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students DDP students should take MA' 1012 or MATH 1013 or MATH
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 2303 22010 2020 2500 2600 2700 2110 2110 2130 1111 2040 2060	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics Note: ECON 2123 OR ECON 3123 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 Student Induction Business Student Induction Business Student Induction 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 Calculus IB Accelerated Calculus Honors Calculus I	3 3 3 3 3 3 3 1 1 3 3 3 2 2 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3		3		3 1 1 2		3	2				3 3 3 3 0 11 0 11 3 3 2 3 2 0 3 3 0 0	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students DDP students should take MAT 1012 or MATH 1013 or MATH 1020 or MATH 1023 or satisfy to
ECON ECON ECON ECON ECON ECON FINA ISOM ISOM ISOM ISOM ISOM MARK MGMT MGMT MGMT MGMT LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	2113 2123 3123 2303 22010 2020 2500 2500 2700 2110 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 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 Student Induction Business Save Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus IA Calculus IA Calculus IA Required credits for School Requirements	3 3 3 3 3 3 3 1 1 3 3 3 2 2 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3		3		3 1 1 2		3	2				3 3 3 0 1 1 0 1 3 3 2 3 2 0 3 3 3	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students DDP students should take MAT 1012 or MATH 1013 or MATH- 1020 or MATH 1013 to satisfy it requirements of both BEng an
ECON ECON ECON ECON ECON ECON FINA ISOM ISOM ISOM ISOM ISOM ISOM ISOM ISOM	2113 2123 3123 2203 2010 2020 2500 2600 2700 2120 2010 2110 2130 11111 2040 2060 1003 1012 1013 1020 1023	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 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 Student Induction Business Student Induction Business Statistics Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus IA Calculus IA Calculus IB Accelerated Calculus Honors Calculus I Required credits for School Requirements //ES Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill this requirements and should take MGMT 3120 to fulfill this requirements and should take MGMT 3120 to fulfill this requirements.	3 3 3 3 3 3 1 1 3 3 3 2 2 0 3 3 3 3 4 4 4 4		3		3 1 1 2		3	2				3 3 3 3 0 11 0 11 3 3 2 3 2 0 3 3 0 0	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students DDP students should take MATI 1012 or MATH 1013 or MATP 1120 or MATH 1023 to Salva BBA degrees
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 2303 22010 2020 2500 2500 2700 2110 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 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 the Individual Organizational Behavior Business Student Induction Business Student Induction Business Student Induction 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 Calculus IB Accelerated Calculus Honors Calculus I Required credits for School Requirements //ES Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this	3 3 3 3 3 3 3 1 1 3 3 1 1 3 3 2 0 3 3 4 3 4 3 4 3 4 3 4 3 4 4 3 4 4 3 4		3		3 1 1 2		3	2				3 3 3 3 3 0 11 0 11 3 3 2 3 2 0 3 3 0 3 4	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students DDP students should take MA- 1012 or MATH 1013 or MATH 1020 or MATH 1023 or MATH 1020 or MATH 1023 or MATH 1024 requirements of both BEng an BBA degrees Students in the Consulting Option must take MGMT 312
ECON ECON ECON ECON ECON ECON FINA ISOM ISOM ISOM ISOM ISOM MARK MGMT MGMT MGMT MGMT LABU LABU MATH MATH MATH MATH MATH MATH MATH MATH	2113 2123 3123 2303 22010 2020 2500 2600 2120 2010 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 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 the Individual Organizational Behavior Business Student Induction Business Student Induction Business Student Induction 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 Calculus IB Accelerated Calculus Honors Calculus I Required credits for School Requirements Wes Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this requirement.) Human Resources Management Managerial Leadership Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation Note: MGMT 4210 OR MGMT 4220 (Students in the Consulting Option or in the Corporate	3 3 3 3 3 3 3 1 1 3 3 2 2 0 3 3 3 3 3 4 3 4 3 4 4 4 4		3		3 1 1 2		3	2				3 3 3 3 3 0 11 0 11 3 2 3 2 0 3 3 0 1 3 3 3 0 0	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students DDP students should take MAT 1012 or MATH 1013 or MATH 1020 or MATH 1023 or satisfy ti requirements of both BEng an BBA degrees Students in the Consulting Option must take MGMT 3120 Students in the Consulting Option must take MGMT 3140 Students in the Consulting
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 2203 2010 2020 2500 2500 2120 2010 2110 2130 11111 2040 2060 1003 1012 11013 1020 1023 2ments courses and Elective 3110 3120	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomic Theory I Financial Management Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Student Induction Business State Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus IA Calculus IA Calculus IB Accelerated Calculus Honors Calculus I Required credits for School Requirements Required redits for School Requirements Requirements Requirements Regularement Induction Requirements and should take MGMT 3120 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation	3 3 3 3 3 3 1 1 3 3 1 1 3 3 2 3 2 0 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		3		3 1 1 2		3	2				3 3 3 3 3 0 11 0 11 3 3 2 3 2 0 3 3 0 3 4	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students DDP students should take MAT 1012 or MATH 1013 or MATH 1020 or MATH 1013 or MATH 1020 or MATH 1024 or MATH 2020 or MATH 1024 or MATH 2020
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 2303 22010 2020 2500 2600 2120 2010 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023 ments courses and Electiv 3110 3120 4210	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics Note: ECON 2123 OR ECON 3123 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 Student Induction Business Student Induction Business Student Induction 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 Calculus IB Accelerated Calculus Honors Calculus I Required credits for School Requirements //CS Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation Note: MGMT 4210 OR MGMT 3120 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation Note: MGMT 4210 OR MGMT 4220 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this requirement.) Corporate Strategy Enterpreneurship and Innovation MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the elective requirement.)	3 3 3 3 3 3 3 1 1 3 1 1 3 2 2 0 3 3 3 3 4 3 4 4 4 4 4 4 4 9		3		3 1 1 2		3	2				3 3 3 3 3 0 1 1 0 1 1 3 3 2 3 2 0 3 3 3 4 4 4 3	Substituted by MATH 2411 MGMT 2110 is a major prerequisite Waived for DDP students DDP students should take MAT 1012 or MATH 1031 or MATH 1020 or MATH 1021 or MATH 1020 or MATH 1021 or
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 22303 22010 2020 2500 2600 2120 2010 2110 2130 1111 20440 2060 1003 1012 1013 1020 1023 Ements Courses and Electiv 3110 3120 3130 3140 4210 4220 Requirements For Dual Degis	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomic Macroeconomics Macroeconomic Macroeconomics 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 Student Induction Business Student Induction 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 Calculus 18 Accelerated Calculus Honors Calculus 1 Required credits for School Requirements //BC Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation Note: MGMT 4210 OR MGMT 3140 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation Note: MGMT 4210 OR MGMT 4220 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this requirement.) MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the elective requirement.)	3 3 3 3 3 3 3 1 1 3 1 1 3 2 2 0 3 3 3 3 4 3 4 4 4 4 4 4 4 9		3		3 1 1 2		3	2				3 3 3 3 3 0 11 0 11 3 3 2 3 2 0 3 3 0 4 4	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students Waived for DDP students DDP students should take MAT 1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy til requirements of both BEng an BBA degrees Students in the Consulting Option must take MGMT 312 Students in the Consulting Option must take MGMT 314 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 2203 2010 2020 2500 2600 2700 2120 2010 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023 Penents Courses and Electiv 3110 3120 3130 3140 Requirement s for Dual Degis s 1010	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 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 Student Induction Business Student Induction Business Student Induction 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 Calculus IB Accelerated Calculus Honors Calculus I Required credits for School Requirements PCS Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this requirement.) Human Resources Management Managerial Leadership Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation Note: MGMT 3130 OR MGMT 320 (Students in the Consulting Option or in the Corporate Strategy Entrepreneurship and Innovation MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the elective requirement.) Required credits for Major Required Courses and Electives Seree Program Technology and Management Professional Activities	3 3 3 3 3 3 3 3 1 1 1 3 3 1 1 3 3 2 3 2		3 3 3		3 1 1 2		3	2				3 3 3 3 3 3 0 1 1 0 1 1 3 3 2 2 3 2 2 0 3 3 3 4 4 4 4 3 9 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students Waived for DDP students DDP students should take MAT 1012 or MATH 1013 or MATH 1020 or MATH 1023 or satisfy ti requirements of both BEng and BBA degrees Students in the Consulting Option must take MGMT 3120 Students in the Consulting Option must take MGMT 210 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4210
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 22303 22010 22020 2500 2600 2120 2010 2110 2130 1111 2044 2060 1003 1012 1013 1022 1023 2000 2000 200	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomic Theory I Financial Management Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Student Induction 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 Calculus IA Calculus IA Calculus IA Calculus IA Calculus I Required credits for School Requirements Required credits for School Requirements Required credits in the Consulting Option, they will use MCMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this requirement.) Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement). Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement). Note: MGMT 4210 OR MGMT 3140 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this requirement.) MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the elective requirement.) Required credits for Major Required Courses and Electives Required credits for Major Required Courses and Electives Required credits for Major Required Courses and Electives	3 3 3 3 3 3 3 3 3 1 1 3 3 1 1 3 3 2 2 0 3 3 3 3 4 4 4 4 4 4 4 4 4 4 9 9 20-21	(3)	3 3 3		3 1 1 1 2 2 3 3		3 3 4	3	3	3		3 3 3 3 3 0 11 0 11 0 13 3 2 2 3 2 2 0 3 3 3 4 4 4 4 9 20	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students Waived for DDP students DDP students should take MAT 1012 or MATH 1013 or MATH 1020 or MATH 1023 or satisfy the requirements of both BEng and BBA degrees Students in the Consulting Option must take MGMT 3120 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4220 and a new course in Simulating Strategy to fulfill the major elective
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 22903 2010 2020 2500 2500 2600 2700 2110 2110 2130 11111 2040 2060 1003 1012 1103 1020 1023 Pments Courses and Elective 3110 3120 Requirements for Dual Degres 1010 3950 PRE C3 - C12	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomics Macroeconomics Macroeconomics Macroeconomics Macroeconomics Macroeconomics Macroeconomics Macroeconomics Macroeconomic Theory I Financial Management Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Student Induction 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 Calculus IA Calculus IA Calculus IA Required credits for School Requirements Required credits for School Requirements Required credits for School Requirements Required Credits in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this requirement.) Human Resources Management Managerial Leadership Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT Mathor 14210 OR MGMT 3140 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this requirement.) Corporate Strategy Entrepreneurship and Innovation MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the elective requirement.) Required credits for Major Required Courses and Electives S Technology and Management Professional Activities Case-based Problem Solving Required credits for Additional Requirements	3 3 3 3 3 3 3 3 1 1 3 3 1 1 3 3 2 2 0 3 3 2 0 3 3 4 4 4 4 4 4 4 4 4 4 4 9 9 6 20-21	(3)	3 3 3 0 0 3 3		3 1 1 1 2 2 3 3		3 3 4	3	3	3		3 3 3 3 3 3 0 11 0 11 0 11 3 3 2 2 0 3 3 3 0 0 4 4 4 4 3 9 20 0 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	MGMT 2110 is a major pre- requisite Waived for DDP students Waived for DDP students DDP students should take MAT 1012 or MATH 1013 or MATH 1020 or MATH 1021 to satisfy it requirements of both BEng and BBA degrees Students in the Consulting Option must take MGMT 3120 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4220 and a new course in Simulating Strategy to fulfill the major elective
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 2203 22010 2200 2500 2600 2120 2010 2110 2130 1111 2044 2060 1003 1012 1013 1020 1023 Ements Courses and Elective 3110 3120 3140 4210 4220 Requirements for Dual Degis s 1010 3950	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 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 Student Induction Business State Introduction to Business Analytics Operations Management Business State Introduction Business Ethics and Social Responsibility Business Student Induction 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 Calculus IA Calculus IB Required credits for School Requirements //SS Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this requirement.) Human Resources Management Managerial Leadership Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation Note: MGMT 4210 OR MGMT 4220 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this requirement.) Judgement and Decision Making in Organizations Negotiation Note: MGMT 4210 OR MGMT 4220 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this requirement.) Required credits for Major Required Courses and Electives (S) Pee Program Technology and Management Professional Activities Case-based Problem Solving Required credits for Additional Requirements	3 3 3 3 3 3 3 3 3 1 1 3 3 1 1 3 3 2 2 0 3 3 3 3 4 4 4 4 4 4 4 4 4 4 9 9 20-21	(3)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		3 1 1 1 1 3		3 3 4	3 3	3	3	0	3 3 3 3 3 3 0 11 0 11 3 3 2 2 0 3 3 2 0 3 3 4 4 4 3 9 20 0 3 3 3 3 3 3	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students Waived for DDP students DDP students should take MAT 1012 or MATH 1013 or MATH 1020 or MATH 1023 or satisfy the requirements of both BEng and BBA degrees Students in the Consulting Option must take MGMT 3120 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4220 and a new course in Simulating Strategy to fulfill the major elective
ECON ECON ECON ECON ECON ECON ECON ECON	2113 2123 3123 22903 2010 2020 2500 2500 2600 2700 2110 2110 2130 11111 2040 2060 1003 1012 1103 1020 1023 Pments Courses and Elective 3110 3120 Requirements for Dual Degres 1010 3950 PRE C3 - C12	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomic Theory I Financial Management Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics Operations Management Marketing Management Marketing Management Business Ethics and the Individual Organizational Behavior Business Ethics and Social Responsibility Business Student Induction Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus IA Calculus IA Calculus IA Calculus IB Accelerated Calculus Honors Calculus IB Accelerated Calculus Honors Calculus IA Luman Resources Management Managerial Leadership Note: MGMT 310 OR MGMT 3120 (For students in the Consulting Option, they will use modern to treat the properties of the Consulting Option must take MGMT 3140 to fulfill this requirement.) Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement). Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGMT 3140 to fulfill this requirement). Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this requirement). Note: MGMT 3100 OR MGMT 3120 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this requirement). Corporate Strategy Entrepreneurship and Innovation MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the elective requirement.) Required credits for Major Required Courses and Electives Seree Program Technology and Management Professional Activities Case-based Problem Solving	3 3 3 3 3 3 3 3 3 1 1 3 3 1 1 3 3 2 2 0 3 3 3 3 4 4 4 4 4 4 4 4 4 4 9 9 20-21	(3)	3 3 3 0 0 3 3		3 1 1 1 1 3		3 3 4	3 3	3	3	0	3 3 3 3 3 3 3 0 1 1 0 1 1 3 3 2 2 3 2 2 0 3 3 3 4 4 4 4 3 9 20 0 3 3 3 3 0 6	Substituted by MATH 2411 MGMT 2110 is a major pre- requisite Waived for DDP students Waived for DDP students DDP students should take MA 1012 or MATH 1013 or MATH 1020 or MATH 1023 or satisfy trequirements of both BEng an BBA degrees Students in the Consulting Option must take MGMT 312 Students in the Consulting Option must take MGMT 314 Students in the Consulting Option must take MGMT 210 Students in the Consulting Option must take MGMT 4210 Students in the Consulting Option are recommended to take MGMT 4220 and a new course in Simulating Strategy to fulfill the major elective

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

[] denotes the course is also offered in other terms as indicated and students may take the course in one of these subject to advice by the program office.

--- denotes the course/requirement is either waived or substituted

To graduate, students should complete all requirements as specified for DDP.

**Remarks on course(s):