The Hong Kong University of Science and Technology

Interdisciplinary Programs Office

An Example on Student's Pathway << Declaration of BEng major BBA major EEMARK 2020-21 Intake (Via DDP PBA)

School: Program:				П		BEng ma	jor	BBA maj	UI .						
rogram:		School of Engineering and School of Business Management								Student'	s Pathway				
		Dual Degree Program (BEng in Electronic Engineering and BBA in Marketin	ıg)												
Course Offering Dept. Course code prefix)	Course Code	Course Title / Courses List	Credits	Year 1 Fall		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
BEng in Elec	ctronic Engi	neering													l
lajor Require	ments														
ngineering Funda	amental Courses	Note: ELEC2600 OR ELEC2600H) OR MATH2011 OR MATH2111 OR MATH2350 OR	0.40	П	ı		ı	ů .	1		1	1		ı	1
150		MATH 2351 (3 courses out of 6)	9-10			ļ		ļ							
LEC	2600 2600H	Probability and Random Processes in Engineering Honors Probability and Random Processes in Engineering	4	3		3		I 3						9	
MATH	2011 2111	Introduction to Multivariable Calculus Matrix Algebra and Applications	3			ļ		ļ							
MATH MATH	2350 2351	Applied Linear Algebra and Differential Equations Introduction to Differential Equations	3			ļ		ļ							
COMP	1021	Note: COMP1021 OR COMP1022P Introduction to Computer Science	3		3	!		<u> </u>						3	This course will also be used
OMP	1022P	Introduction to Computing with Java	3		3	ļ		<u> </u>						3	substitute ISOM 2010
NGG	2011 1010	Programming with C++ Academic Orientation	0	0	0	4		<u> </u>						0	
ANG	2030	Technical Communication I	3						3					3	
		Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020]	4-7] :] }							
ATH ATH	1012 1013	Calculus IA Calculus IB	4			! :		!							
IATH IATH	1014 1020	Calculus II Accelerated Calculus	3 4	3	3			ļ						6	
ATH ATH	1023 1024	Honors Calculus I Honors Calculus II	3			! :		ļ							
		Note: PHYS1112 OR PHYS1312				!									
HYS HYS	1112 1312	General Physics I with Calculus Honors General Physics I	3 3	3		<u> </u>		<u>!</u>		<u> </u>				3	
HYS	1114	Note: PHYS1114 OR PHYS1314 General Physics II	3	1	3	:		:						3	
HYS	1314	Honors General Physics II	3	-		:		:							
ENG		Engineering Introduction course (If the students take an introduction course included in their major, this course can be counted towards their major requirement.)	3-4		(3)	i		i						0	
		Required credits for Engineering Fundamental Courses	32-37	1				i i	İ					31	
Major Required Co	ourses and Electiv	es Introduction to Electro-Robot Design	4	1	l	4		Ī	1					4	
LEC	1200	A System View of Communications: from Signals to Packets	4	-		<u>. "</u>	4	<u>:</u> 						4	
		Note: ELEC2100 OR ELEC2100H		1		: 		Í							
ELEC	2100 2100H	Signals and Systems Honors Signals and Systems	4			i		i		4				4	
ELEC	2350	Introduction to Computer Organization and Design	4			İ				4				4	
LEC LEC	2400 2910	Electronic Circuits Academic and Professional Development I	0			0	0	Ì	4					0	
LEC	3910	Academic and Professional Development II	0			i		0	0					0	
		Note: (ELEC4900 AND ELEC2991) OR (ELEC4901 AND ELEC2991) OR ELEC4910 (Students taking the Research Option must take ELEC 4901)	6			i		j							
LEC LEC	4900 4901	Final Year Design Project Final Year Thesis	6 6			İ		İ				3	3	6	
	2991 4910	Industrial Experience (Electronic Engineering) Co-op Program	0 6			i		i							
NGG	2010	Engineering Seminar Series	0			0	0	0	0					0	
ANG	4031	Technical Communication II for ECE & CPEG ELEC 3000-level or 4000-level Electives (Any 2 courses ELEC 4000-levek courses.	3			i		i			_	3		3	
ELEC	Pos	ELEC4940 cannot be used to count towards this elective requirement)	21			<u> </u>	3	<u>i</u>	3		6	3	6	21	
		uired credits for Major Requirements Courses and Electives	50		ļ	-		-						50	
BBA in Mark	(emm)														
School Requir	rements 2010	Principles of Accounting I	3			3		1						3	
School Requir	ements	Principles of Accounting II	3			3		ļ Į	3					3	
ACCT ECON	rements 2010 2200 2103	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics	3			3		<u> </u>	3						
School Requir ACCT ACCT ECON ECON	2010 2200 2103 2113	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123	3 3 3					ļ 	3					3	
School Requir	rements 2010 2200 2103	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics	3					3	3					3	
School Requir	2010 2200 2103 2113 2123 3123 2303	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Mote: ECON2123 OR ECON3123 Macroeconomics Macroeconomic Theory I Financial Management	3 3 3 3 3 3			3	3	<u>!</u> !						3 3 3	
School Requir	2010 2200 2103 2113 2123 3123 2303 2010	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Mote: ECON2123 OR ECON3123 Macroeconomics Macroeconomic Theory I Financial Management Introduction to Information Systems	3 3 3 3				3	3	3					3 3	Substituted by COMP 1021/10
School Requir CCT CCON CCON CCON CCON CCON CCON CCON	2010 2200 2103 2113 2123 3123 2303	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Mote: ECON2123 OR ECON3123 Macroeconomics Macroeconomic Theory I Financial Management	3 3 3 3 3 3			3		<u> </u> 						3 3 3 0	Substituted by COMP 1021/1
School Requir CCT CCN CCON CCON CCON CON CON CON CON CON	2010 2200 2103 2113 2123 3123 2303 2010 2020 2500 2600	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123 Macroeconomics Macroeconomic Theory I Financial Management Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics	3 3 3 3 3 3 3 1 3			3		1 1						3 3 3 0 1 3 1	Substituted by COMP 1021/1
School Requir CCT CCN CCON CCON CCON CCON CON CON CON CON	2010 2200 2103 2113 2123 3123 22903 2010 2020 2500 2600 2700	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Microeconomics Macroeconomics 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			3		1						3 3 3 0 1 3 1 3	
School Requir CCT CCN CCON CCON CON INA SOM SOM SOM SOM SOM SOM SOM SOM SOM SOM	2010 2200 2103 2113 2123 3123 2303 2010 2020 2500 2600	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123 Macroeconomics Macroeconomic Theory I Financial Management Introduction to Information Systems Coding for Business Business Statistics Introduction to Business Analytics	3 3 3 3 3 3 1 1 3			3		1 1						3 3 3 0 1 3 1	
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School Requir	2010 2200 2103 2113 2123 3123 2303 2010 2020 2500 2600 2700 2120 2010 2110 2130 1111	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123 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 Student Induction Business Case Analyses Effective Communication in Business	3 3 3 3 3 3 1 1 3 3 1 3 2 2 0 3 3			3	3	1 1 3			2			3 3 3 0 1 3 1 3 1 3 2 3 2 0	MARK 2120 is a major pre-req Waived for DDP students
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School Requir CCT CCT CCON CCON CCON CCON CCON CCON C	2010 2200 2103 2113 2123 3123 2303 2010 2020 2500 2600 2700 2120 2010 2110 2110 21110 21110 2010 2010 2110 2010 2110 2010 2110 2010 2110 2010 2110 2010 2110 2010	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123 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 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 IB	3 3 3 3 3 3 1 1 3 3 2 2 0 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3			3	3	1 1 3 3			2			3 3 3 0 1 1 3 1 3 2 2 0 3	MARK 2120 is a major pre-req Waived for DDP students DDP students should take M. 1012 or MATH 1013 or MATH or MATH 1023 to satisfy th
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School Requir CCT CCT CCON CCON CCON CCON CCON CCON C	2010 2200 2103 2113 2123 3123 2010 2020 2500 2600 2700 2110 2110 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123 Macroeconomics 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 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	3 3 3 3 3 3 3 1 1 3 1 3 3 2 0 3 3 2 0 3 3 3 3 3 3 3 3 3 3 3 3			3	3	1 1 3 3			2			3 3 3 0 1 3 1 3 3 2 2 0 3 3 3	MARK 2120 is a major pre-req Waived for DDP students DDP students should take M. 1012 or MATH 1013 or MATH or MATH 1023 to satisfy th
School Require CCT CCT CCON CCON CCON CCON CCON CCON C	2010 2200 2103 2113 2123 3123 2303 2010 2020 2500 2600 2700 2110 2110 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023 ments	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123 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 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 IB Accelerated Calculus I Required credits for School Requirements	3 3 3 3 3 3 3 1 1 3 1 3 3 2 0 3 3 2 0 3 3 3 3 3 3 3 3 3 3 3 3			3	3	1 1 3 3			2			3 3 3 0 1 3 1 3 2 3 2 0 3 3 2 0 0 0 3 3 0 0 0 0 0 0 0	MARK 2120 is a major pre-req Waived for DDP students DDP students should take M/ 1012 or MATH 1013 or MATH or MATH 1023 to satisfy the
School Require CCT CCT CCON CCON CCON CCON CCON CCON C	2010 2200 2103 2113 2123 3123 2010 2020 2500 2600 2700 2110 2110 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123 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 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 IB Accelerated Calculus I Required credits for School Requirements	3 3 3 3 3 3 3 1 1 3 1 3 3 2 0 3 3 2 0 3 3 3 3 3 3 3 3 3 3 3 3			3	3	1 1 3 3			2			3 3 3 0 1 3 1 3 2 3 2 0 3 3 2 0 0 0 3 3 0 0 0 0 0 0 0	MARK 2120 is a major pre-req Waived for DDP students DDP students should take M. 1012 or MATH 1013 or MATH or MATH 1023 to satisfy th
School Require CCT CCT CCON CCON CCON CCON CCON CCON C	2010 2200 2103 2113 2123 3123 2303 2010 2020 2500 2600 2700 2120 2010 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023 ments Durses and Electiv 3220 3420	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123 Macroeconomics 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 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 IB Accelerated Calculus Honors Calculus I Required credits for School Requirements Business Research Consumer Behavior	3 3 3 3 3 3 3 1 1 3 1 3 3 2 0 3 3 3 3 3 2 0 3 3 4 4 3 4 3 4 4 3 4 4 3 4 4 4 3 4			3	3	1 1 3 2			2			3 3 3 3 0 1 3 1 3 1 3 2 3 2 0 3 3 0 3 3 4 4 4	MARK 2120 is a major pre-req Waived for DDP students DDP students should take M. 1012 or MATH 1013 or MATH or MATH 1023 to satisfy th
CCHOOL Require CCT CCON CCON CCON CCON CCON CCON CCON	2010 2200 2103 2113 2123 3123 2303 2010 2020 2500 2600 2700 2120 2010 2110 2130 1111 2040 2060 1003 1012 1013 1020 1023 ments ourses and Electiv 3220	Principles of Accounting II Note: ECON2103 OR ECON2113 Principles of Microeconomics Microeconomics Note: ECON2123 OR ECON3123 Macroeconomics 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 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 IB Accelerated Calculus Honors Calculus I Required credits for School Requirements es Marketing Research Consumer Behavior Strategic Marketing	3 3 3 3 3 3 1 1 3 3 2 0 3 3 2 0 3 3 4 3 4 3 4 4 4 4			3	3	1 1 3 2			2			3 3 3 3 0 1 1 3 3 2 0 3 3 2 0 0 3 3 3 0 0 0 0 0 0 0 0	MARK 2120 is a major pre-rec Waived for DDP students DDP students should take M 1012 or MATH 1013 or MATH or MATH 1023 to satisfy the
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- () indicates the reuse of the same course to fulfill more than one requirement.
- --- denotes the course/requirement is either waived or substituted
- ## To graduate, students should complete all requirements as specified for DDP.

**Remarks on course(s):

>> 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.