The Hong Kong University of Science and Technology **Interdisciplinary Programs Office**

AEGBUS 2021-22 Intake (Via DDP PBA)

		<< Declaration of BEng major School of Engineering and School of Business Management School of Engineering and School of Business Management Student's Pathway													
Program:		Dual Degree Program (BEng in Aerospace Engineering and BBA in Globa Business)	al					ı							-
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
	rospace En	gineering			I		I		I		I				·
Major Require ngineering Fund	lamental Courses														
OMP OMP	1021 1022P	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Introduction to Computer Science Introduction to Computing with Java	3-5 3 3	3		į		<u>.</u>						3	Students should take COMI which will also be used to su ISOM 2010 and to waive It
OMP OMP NGG	2011 2012H 1010	Programming with C++ Honors Object-Oriented Programming and Data Structures Academic Orientation	4 5 0	0	0	<u> </u>		!						0	2020
ANG	2030	Technical Communication I Note: ((MATH 1012 OR MATH 1013 OR MATH 1023) AND	3	-		<u>.</u>	-	<u>:</u>	-	-	-	-	-	0	Waived for DDP studer
MATH MATH	1012 1013	(MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IA	4			į		į							
IATH IATH	1014 1020	Calculus IB Calculus II Accelerated Calculus	3 3 4	3	3	I İ		! ;						6	
MATH MATH MATH	1023 1024 2011	Honors Calculus I Honors Calculus II Introduction to Multivariable Calculus	3 3 3	-		3		<u> </u>						3	
MATH MATH	2111 2350	Note: MATH2111 OR MATH2350 OR MATH2351 Matrix Algebra and Applications Applied Lipses Alegbra and Differential Equations	3 3			i	3	i						3	
IATH	2351	Applied Linear Algebra and Differential Equations Introduction to Differential Equations Note: PHYS1112 OR PHYS1312	3	-		<u>i</u> :		<u>i</u>							
HYS HYS :HEM/LIFS/ PHYS	1112 1312	General Physics I with Calculus Honors General Physics I Science 1000-level course (Any 1 course of the subject and level as specified)	3 3	╁	(3)	<u>!</u>		!						0	
	Courses and Fleet	Required credits for Engineering Fundamental Courses			(0)	<u> </u>		<u> </u>						18	
лајог Required С ЛЕСН ЛЕСН	ourses and Elect 1907 1990	Introduction to Aerospace Engineering	3			3 0*	04	<u> </u>						3	
ECH	2020	Industrial Training Statics and Dynamics	3	#		3	0^	! 						3	
IECH	2040 2210	Solid Mechanics Fluid Mechanics	3	1		 	3	<u> </u>						3	
MECH	2310 2410	Thermodynamics Engineering Materials I	3	1		3		 	3					3	
IECH	3400 3610	Introduction to Composite Materials Control Principles	3	十		İ		3		3				3	
ECH ECH	3620 3640	Aircraft Design Aerodynamics	3	\bot		<u> </u>		<u> </u>		3	3			3	
IECH IECH	3650 3660	Aircraft Structural Analysis Gas Turbines and Jet Propulsion	3	_		: !		<u>.</u> !		3	3			3	
IECH IECH	3670 3680	Aircraft Performance and Stability Avionics Systems	3			<u> </u>		<u> </u>	3	3				3	
ECH ECH	3690 4980	Aerospace Engineering Laboratory Final Year Aerospace Design Project	3 6			<u> </u>		<u> </u>			3	3	3	3 6	
ELEC	2420 2010	Basic Electronics Engineering Seminar Series	3			0	0	0	0					3	
ANG //ECH	4034	Technical Communication II for Mechanical and Areospace Engineering MECH Electives in Aerospace (2 courses from the specified elective list)	3 6			<u> </u>		<u> </u>			3	3	3	3 6	
BBA in Glo	Re bal Busines	quired credits for Major Requirements Courses and Electives	63	1		!		!						63	
School Requi	rements				1		1		1		1	1			1
ACCT ACCT	2010 2200	Principles of Accounting I Principles of Accounting II	3	3		<u>!</u> !		<u>!</u> !	3					3	
ECON ECON	2103 2113	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics Microeconomics	3 3		3	<u>i</u>		į						3	
ECON ECON	2123 3123	Note: ECON 2123 OR ECON 3123 Macroeconomics Macroeconomic Theory I	3			3		! !						3	
FINA SOM	2303	Financial Management Introduction to Information Systems	3	1	-		3		_	-	-	_	_	3	Substituted by COMP
SOM	2020	Coding for Business	1	-	-	<u>. </u>	-	<u> </u>	-	-	-	-	-	0	1021/1022P/2011/2012 Waived for DDP students if have taken and passed
SOM	2500	Business Statistics	3	3		<u> </u>								3	COMP1021 or COMP 102
SOM	2600 2700	Introduction to Business Analytics Operations Management	3			<u>:</u>		1	3					3	
MARK MGMT	2120 2010	Marketing Management Business Ethics and the Individual	3 2			<u> </u>	3	<u> </u>						3	
MGMT	2110 2130	Organizational Behavior Business Ethics and Social Responsibility	3				3	•						3	
			2	1			3	2						2	
ABU	1111 2040	Business Student Induction Business Case Analyses	0		-		-	2 - -	-	-	-	-	-	0	
AGMT SBMT ABU ABU	2040 2060	Business Case Analyses Effective Communication in Business Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	0 3 3 3-4	-	-									0	Waived for DDP studen DDP students should take N
SBMT ABU ABU MATH MATH MATH	2040 2060 1003 1012 1013	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	0 3 3 3-4 3 4 3	(3)	-							-		0	Waived for DDP studen Waived for DDP studen DDP students should take N 1012 or MATH 1013 or M 1020 or MATH 503 to satis
SBMT ABU ABU MATH	2040 2060 1003 1012	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	0 3 3 3-4 3 4 3 4 3	(3)	-							-		0 0 3	Waived for DDP studer DDP students should take I 1012 or MATH 1013 or M 1020 or MATH 1023 to satis
BBMT ABU AABU MATH MATH MATH MATH MATH MATH MATH MATH	2040 2060 1003 1012 1013 1020 1023 ements	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements	0 3 3 3-4 3 4 3 4 3	(3)	-							-		0 0 3	Waived for DDP studen DDP students should take N 1012 or MATH 1013 or M 1020 or MATH 1023 to satis requirements of both BEng
ABU ABU ABU AATH HATH HATH HATH HATH MAID MAJOR REQUIRE Major Required C BBUS	2040 2060 1003 1012 1013 1020 1023 20 20 20 20 20 20 20 20 20 20 20 20 20 2	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements iVes Global Leadership Development	0 3 3 3-4 3 4 3 4 3 4 4 5 4 5	(3)	-				0			-		0 0 3 3 0 0 35	Waived for DDP studer DDP students should take I 1012 or MATH 1013 or M 1020 or MATH 1023 to satirequirements of both BEng
BMT ABU ABU IATH IATH IATH IATH IATH IATH IATH IATH	2040 2060 1003 1012 1013 1020 1023 200 200 200 200 200 200 200 200 200	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements ives	0 3 3 3-4 3 4 4 3 45-46	(3)	-				-	-	-	3	-	0 0 3	Waived for DDP studer DDP students should take 1012 or MATH 1013 or M 1020 or MATH 1023 to sati requirements of both BEn
BMT ABU ABU ATH AATH AATH AATH AATH AATH AATH BAID AAID AAID AAID AAID AAID AAID BUS BUS BUS BUS BUS BUS BUS BUS BUS BUS	2040 2060 1003 1012 1013 1020 1023 ements courses and Elect 1000 2010	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 iVes Global Leadership Development Global Business Analysis	0 3 3 3-4 3 4 4 3 45-46	(3)	-				0 3	0	-	3	-	0 0 3 3 0 0 3 3 0 0 3 3	Waived for DDP studer DDP students should take 1012 or MATH 1013 or N 1020 or MATH 1023 to sati requirements of both BEn
BBMT ABU AABU MATH MATH MATH MATH MATH MATH MATH MATH	2040 2060 1003 1012 1013 1020 1023 2000 2010 2020 3030	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements IVES Global Leadership Development Global Business Analysis Public Service Project Note: GBUS 3030 OR ISOM2040 Global Business Case Studies Business Simulation and Strategic Decisions Capstone Project Global Business Electives (Courses from the specified elective list, of which at least 6	0 3 3 3 4 3 4 3 4 3 4 4 3 4 5 6 0 0 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(3)	-				0 3	0	0	3	-	0 0 3 0 35	Waived for DDP studer DDP students should take 1012 or MATH 1013 or N 1020 or MATH 1023 to sati requirements of both BEn
BMT ABU ABU IATH ATH ATH ATH IATH ATH IATH BI IAI IAI IAI IAI IAI IAI IAI IAI IAI	2040 2060 1003 1012 1013 1020 1023 2010 2010 2020 3030 2040	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements IVes Global Leadership Development Global Business Analysis Public Service Project Note: GBUS 3030 OR ISOM2040 Global Business Case Studies Business Simulation and Strategic Decisions Capstone Project	0 3 3 3-4 3 4 3 45-46	(3)	-				0 3	0	0	0	0	0 0 3 0 35 0 35 1	Waived for DDP stude DDP students should take 1012 or MATH 1013 or N 1020 or MATH 1023 to sat requirements of both BEn
BMT ABU ABU ATH ATH ATH ATH ATH ATH ATH ATH AIGH AIGH AIGH AIGH AIGH AIGH AIGH AIG	2040 2060 1003 1012 1013 1020 1023 Pments Ourses and Elect 1000 2010 2020 3030 2040 Requirement	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements IVES Global Leadership Development Global Business Analysis Public Service Project Note: GBUS 3030 OR ISOM2040 Global Business Case Studies Business Simulation and Strategic Decisions Capstone Project Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fulfill requirements of an additional major in SBM may not be counted towards this elective requirement.) Required credits for Major Required Courses and Electives	0 3 3 3-4 3 4 3 45-46	(3)					0 3	0	0 [3]	0	0 [4]	0 0 3 0 35 0 3 1 4	Waived for DDP studer DDP students should take 1012 or MATH 1013 or M 1020 or MATH 1023 to sati requirements of both BEn
BMT ABU ABU ATH ATH ATH ATH ATH ATH ATH ATH AIGH AIGH AIGH AIGH AIGH AIGH AIGH AIG	2040 2060 1003 1012 1013 1020 11023 20ments 20urses and Elect 1000 2010 2020 3030 2040 4910 Requirements for Dual Deg	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements IVES Global Leadership Development Global Business Analysis Public Service Project Note: GBUS 3030 OR ISOM2040 Global Business Case Studies Business Simulation and Strategic Decisions Capstone Project Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fulfill requirements of an additional major in SBM may not be counted towards this elective requirement.) Required credits for Major Required Courses and Electives	0 3 3 3-4 3 4 3 45-46	(3)					0 3	0	0 [3]	0	0 [4]	0 0 3 0 35 0 3 1 4	Waived for DDP studer DDP students should take 1012 or MATH 1013 or M 1020 or MATH 1023 to sati requirements of both BEn
BMT ABU ABU IATH IATH IATH IATH IATH IATH IATH IAT	2040 2060 1003 1012 1013 1020 11023 20ments courses and Elect 1000 2010 2020 3030 2040 4910 Requirements for Dual Degis	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements IVES Global Leadership Development Global Business Analysis Public Service Project Note: GBUS 3030 OR ISOM2040 Global Business Case Studies Business Simulation and Strategic Decisions Capstone Project Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fulfill requirements of an additional major in SBM may not be counted towards this elective requirement.) Required credits for Major Required Courses and Electives ITSM Professional Activities	0 3 3 3 4 3 4 3 45-46	(3)	0				0 3	0	0 [3]	0	0 [4]	0 0 3 0 3 5 0 3 1 4 4 15 27	Waived for DDP studer DDP students should take 1012 or MATH 1013 or N 1020 or MATH 1023 to sati requirements of both BEn
BMT ABU ABU ABU ABU ABU ABU ABU ABU	2040 2060 1003 1012 1013 1020 11023 20ments 20urses and Elect 1000 2010 2020 3030 2040 4910 Requirements for Dual Deg	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements IVES Global Leadership Development Global Business Analysis Public Service Project Note: GBUS 3030 OR ISOM2040 Global Business Case Studies Business Simulation and Strategic Decisions Capstone Project Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fulfill requirements of an additional major in SBM may not be counted towards this elective requirement.) Required credits for Major Required Courses and Electives Its Jree Program	0 3 3 3 4 3 4 3 45-46				-	0	0 3 1	0 [1]	0 [3]	0	0 [4]	0 0 3 0 35 0 3 1 4 4 4	Waived for DDP stude DDP students should take 1012 or MATH 1013 or N 1020 or MATH 1023 to sat requirements of both BEn
BMT ABU ABU ATH ATH ATH ATH ATH ATH ATH ATH BIJOR Required C BUS BUS BUS BUS BUS BUS BUS BUS BUS BUS	2040 2060 1003 1012 1013 1020 11023 Pments Ourses and Elect 1000 2010 2020 3030 2040 4910 Requirements for Dual Deg s 1010 3950 4950	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements IVES Global Leadership Development Global Business Analysis Public Service Project Note: GBUS 3030 OR ISOM2040 Global Business Case Studies Business Simulation and Strategic Decisions Capstone Project Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fulfill requirements of an additional major in SBM may not be counted towards this elective requirement.) Required credits for Major Required Courses and Electives Its T&M Case Analysis and Product Innovation	0 3 3 3 4 4 3 45-46		0		-	0	0 3 1	0 [1]	0 [3]	0	0 [4]	0 0 0 3 0 3 5 0 3 1 4 4 4 15 27	Waived for DDP stude DDP students should take 1012 or MATH 1013 or N 1020 or MATH 1023 to sat requirements of both BEn
BMT ABU ABU ABU ABU ABU ABU ABU ABU ABU ABU	2040 2060 1003 1012 1013 1020 11023 Pments Ourses and Elect 1000 2010 2020 3030 2040 4910 Requirements for Dual Deg 5 1010 3950 4950 RE C3 - C12	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements IVES Global Leadership Development Global Business Analysis Public Service Project Note: GBUS 3030 OR ISOM2040 Global Business Case Studies Business Simulation and Strategic Decisions Capstone Project Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fulfill requirements of an additional major in SBM may not be counted towards this elective requirement.) Required credits for Major Required Courses and Electives IT&M Professional Activities T&M Case Analysis and Product Innovation T&M Corporate Consulting Project Required credits for Additional Requirements	0 3 3 3 4 4 3 45-46	0	0 3		-	0	0 3 1	0 [1]	0 [3]	0	0 [4]	0 0 0 3 0 3 1 4 4 4 15 27	Waived for DDP studer DDP students should take 1012 or MATH 1013 or N 1020 or MATH 1023 to sati requirements of both BEn
BMT ABU ABU ATH ABU ATH ATH ATH ATH ATH ATH ATH ATH ATH BIG Agjor Required C BUS BUS BUS BUS BUS BUS BUS BUS BUS BUS	2040 2060 1003 1012 1013 1020 11023 Pments Ourses and Elect 1000 2010 2020 3030 2040 4910 Requirements for Dual Deg 5 1010 3950 4950	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 Accelerated Calculus Honors Calculus I Required credits for School Requirements IVES Global Leadership Development Global Business Analysis Public Service Project Note: GBUS 3030 OR ISOM2040 Global Business Case Studies Business Simulation and Strategic Decisions Capstone Project Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fuffill requirements of an additional major in SBM may not be counted towards this elective requirement.) Required credits for Major Required Courses and Electives Its T&M Case Analysis and Product Innovation T&M Corporate Consulting Project Required credits for Additional Requirements	0 3 3 3 4 4 3 45-46	0	0 3		-	0	0 3 1	0 [1] 4	0 [3]	0 0 4 3	0 [4] 6 O	0 0 0 3 0 3 1 4 4 4 15 27	Waived for DDP studer DDP students should take I 1012 or MATH 1013 or M 1020 or MATH 1023 to satirequirements of both BEng

() 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

 $\ensuremath{\mbox{\#\#}}$ 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.