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

AEMARK **2020-21 Intake**
(Via DDP PBA)

	<< Declaration of BEng major	<< Declaration of BBA major

School:	School of Engineering and School of Business Management	Student's Pathway
Program:	Dual Degree Program (BEng in Aerospace Engineering and BBA in Marketing)	

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
BEng in Aerospace Engineering															
Major Requirements															
Engineering Fundamental Courses															
COMP / COMP / COMP	1021 / 1022P / 2011	Note: COMP1021 OR COMP1022P OR COMP2011 / Introduction to Computer Science / Introduction to Computing with Java / Programming with C++	3-4 / 3 / 3 / 4	3										3	This course will also be used to substitute ISOM 2010
ENGG	1010	Academic Orientation	0	0	0									0	
LANG	2030	Technical Communication I	3						3					3	
MATH / MATH / MATH / MATH / MATH / MATH	1012 / 1013 / 1014 / 1020 / 1023 / 1024	Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020] / Calculus IA / Calculus IB / Calculus II / Accelerated Calculus / Honors Calculus I / Honors Calculus II	4-7 / 4 / 3 / 3 / 4 / 3 / 3	3	3									6	
MATH	2011	Introduction to Multivariable Calculus	3			3								3	
MATH / MATH / MATH	2111 / 2350 / 2351	Note: MATH2111 OR MATH2350 OR MATH2351 / Matrix Algebra and Applications / Applied Linear Algebra and Differential Equations / Introduction to Differential Equations	3 / 3 / 3				3							3	
PHYS / PHYS	1112 / 1312	Note: PHYS1112 OR PHYS1312 / General Physics I with Calculus / Honors General Physics I	3 / 3		3									3	
CHEM/LIFS/ PHYS		Science 1000-level course (Any 1 course of the subject and level as specified)	3		(3)									0	
		Required credits for Engineering Fundamental Courses	22-26											21	
Major Required Courses and Electives															
MECH	1907	Introduction to Aerospace Engineering	3			3								3	
MECH	1990	Industrial Training	0			0*	0^							0	
MECH	2020	Statics and Dynamics	3			3								3	
MECH	2040	Solid Mechanics I	3				3							3	
MECH	2210	Fluid Mechanics	3				3							3	
MECH	2310	Thermodynamics	3			3								3	
MECH	2410	Engineering Materials I	3					3						3	
MECH	3400	Introduction to Composite Materials	3						3					3	
MECH	3610	Control Principles	3					3						3	
MECH	3620	Aircraft Design	3							3				3	
MECH	3640	Aerodynamics	3						3					3	
MECH	3650	Aircraft Structural Analysis	3						3					3	
MECH	3660	Gas Turbines and Jet Propulsion	3							3				3	
MECH	3670	Aircraft Performance and Stability	3							3				3	
MECH	3680	Avionics Systems	3						3					3	
MECH	3690	Aerospace Engineering Laboratory	3							3				3	
MECH	4980	Final Year Aerospace Design Project	6									3	3	6	
ELEC	2420	Basic Electronics	3					3						3	
ENGG	2010	Engineering Seminar Series	0			0	0	0	0					0	
LANG	4034	Technical Communication II for Mechanical and Areospace Engineering	3								3			3	
MECH		MECH Electives in Aerospace (2 courses from the specified elective list)	6									3	3	6	
		Required credits for Major Requirements Courses and Electives	63											63	
BBA in Marketing															
School Requirements															
ACCT	2010	Principles of Accounting I	3	3										3	
ACCT	2200	Principles of Accounting II	3		3									3	
ECON / ECON	2103 / 2113	Note: ECON 2103 OR ECON 2113 / Principles of Microeconomics / Microeconomics	3 / 3		3									3	
ECON / ECON	2123 / 3123	Note: ECON 2123 OR ECON 3123 / Macroeconomics / Macroeconomic Theory I	3 / 3		3									3	
FINA	2303	Financial Management	3				3							3	
ISOM	2010	Introduction to Information Systems	3	---	---	---	---	---	---	---	---	---	---	0	Substituted by COMP 1021/1022P/2011
ISOM	2020	Coding for Business	1					1						1	
ISOM	2500	Business Statistics	3	3										3	
ISOM	2600	Introduction to Business Analytics	1					1						1	
ISOM	2700	Operations Management	3						3					3	
MARK	2120	Marketing Management	3				3							3	MARK 2120 is a major pre-requisite
MGMT	2010	Business Ethics and the Individual	2				2							2	
MGMT	2110	Organizational Behavior	3				3							3	
MGMT	2130	Business Ethics and Social Responsibility	2					2						2	
SBMT	1111	Business Student Induction	0	---	---	---	---	---	---	---	---	---	---	0	Waived for DDP students
LABU	2040	Business Case Analyses	3					3						3	
LABU	2060	Effective Communication in Business	3								3			3	
MATH / MATH / MATH / MATH / MATH	1003 / 1012 / 1013 / 1020 / 1023	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	3-4 / 3 / 4 / 3 / 4 / 3	(3)										0	DDP students should take MATH 1012 or MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees
		Required credits for School Requirements	45-46											39	
Major Requirements															
Major Required Courses and Electives															
MARK	3220	Marketing Research	4					4						4	
MARK	3420	Consumer Behavior	4						4					4	
MARK	4210	Strategic Marketing	4									4		4	
MARK		MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)	12							4	4	4		12	
		Required credits for Major Required Courses and Electives	24											24	
Additional Requirements															
Requirements for Dual Degree Program															
Required Courses															
TEMG	1010	Technology and Management Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	
TEMG	3950	Case-based Problem Solving	3		3									3	
		Required credits for Additional Requirements	3											3	
University CORE															
CORE	C3 - C12	U CORE - Others	30	3		6		3	6			6	6	30	
CORE	C1 & C2	U CORE - English Language	6	3	3									6	
		Sub-total for University CORE	36											36	
		Term load (excl. free credits)		18	18	21	20	20	19	19	19	16	16	186##	

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Notes:

( ) 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

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.