The Hong Kong University of Science and Technology Interdisciplinary Programs Office

An Example on Student's Pathway (as of July 11, 2022)

MEGBM 2021-22 Intake (Via DDP PBA)

I= -		Ta		п		BEng ma	jor	BBA majo	or						
School:		School of Engineering and School of Business Management Dual Degree Program (BEng in Mechanical Engineering and BBA in Genearl Busin	ness							Studer	nt's Pathway				
Program:		Management)		<u> </u>											-
Course			0	Ye	Year	Ύe	Year	, Ye	Year	Ye	Year	Ύe	Year	န	Remarks
Offering Dept.	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
(course code prefix)			8	<u>a</u>	oring	<u>e</u>	oring	<u>a</u>	oring	<u>a'</u>	oring	<u>a</u>	oring	tal	
BEng in Med	chanical Eng	uineering													
Major Require		iniconing													
Engineering Fund															
COMP	1021	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Introduction to Computer Science	3-5 3			!		!							Students should take COMP1021
COMP	1021 1022P	Introduction to Computer Science Introduction to Computing with Java	3	3		ļ		ļ						3	which will also be used to substitute
COMP COMP	2011 2012H	Programming with C++ Honors Object-Oriented Programming and Data Structures	4 5			ļ		ļ							ISOM 2010 and to waive ISOM 2020
ENGG	1010	Academic Orientation	0	0	0	<u> </u>		<u> </u>						0	
LANG	2030	Technical Communication I	3	-	-		-	i ·	-	-	-	-	-	0	Waived for DDP students
		Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [(MATH 1020]	4-7			<u>į</u>		ļ							
MATH	1012	Calculus IA	4			<u> </u>		<u> </u>							
MATH MATH	1013 1014	Calculus IB Calculus II	3	3	3	į		į						6	
MATH MATH	1020 1023	Accelerated Calculus	4			į		į							
MATH	1023	Honors Calculus I Honors Calculus II	3			i		i							
MATH	2011	Introduction to Multivariable Calculus	3			į		3						3	
MATH	2111	Note: MATH2111 OR MATH2350 OR MATH2351 Matrix Algebra and Applications	3			i		i		2				3	
MATH MATH	2350 2351	Applied Linear Algebra and Differential Equations	3			i		i		3				3	
MATH	2351	Introduction to Differential Equations Note: PHYS1112 OR PHYS1312	3	1		Ī		Ī							
PHYS PHYS	1112 1312	General Physics I with Calculus Honors General Physics I	3		3	i		i						3	
CHEM/LIFS/ PHYS		Science 1000-level course (Any 1 course of the subject and level as specified)	3	1	(3)	Ĺ	<u>t</u>	<u>i</u>				L	L	0	
Maia D		Required credits for Engineering Fundamental Courses	22-26			į		<u>.</u>						18	
Major Required C	ourses and Electiv	/eS Industrial Training	0	1		0*	0^	ī		1				0	
MECH	2020	Statics and Dynamics	3			3	Ť	!						3	
MECH MECH	2040 2210	Solid Mechanics I Fluid Mechanics	3	<u> </u>	+ -	!	_	!	3	ļ				3	
MECH MECH	2310	Fluid Mechanics Thermodynamics	3	1	L	3	L	<u> </u>	3	L		L	L	3	
MECH	2410	Engineering Materials I	3			Ĺ	3	İ						3	
MECH MECH	2520 3030	Design and Manufacturing I Mechanisms of Machinery	3	1		<u>:</u>	3	<u> </u>		3				3	
		Note: MECH3300 OR MECH3420 OR MECH3520 OR MECH3710				ļ.		İ							
MECH MECH	3300 3420	Energy Conversion Engineering Materials II	3			į		į		3				3	
MECH	3520	Design and Manufacturing II	3			į.		<u> </u>							
MECH MECH	3710 3310	Manufacturing Processes and Systems Heat Transfer	3	-		i		i		3				3	
MECH	3610	Control Principles	3			<u> </u>		3						3	
MECH MECH	3630 3830	Electrical Technology Laboratory	3	-		 		 	3		3			3	
MECH	3907	Mechatronic Design and Prototyping	3			<u>i </u>		<u> </u>	3		Ů			3	
MECH	4900 2420	Final Year Design Project Basic Electronics	6	-		3		-				3	3	6	
ELEC ENGG	2010	Engineering Seminar Series	0	1		0	0	0	0					0	
LANG	4034	Technical Communication II for Mechanical and Areospace Engineering	3			ì		1			3			3	
BBA in Gen		Required credits for Major Requirements Courses and Electives S Management	51	1		<u> </u>		<u> </u>	ļ	<u> </u>	 	<u> </u>	<u> </u>	51	
School Require		3 Management													
ACCT	2010	Principles of Accounting I	3	3		i		i						3	
ACCT	2200	Principles of Accounting II Note: ECON 2103 OR ECON 2113	3	1		:		<u>:</u>			1	3		3	
ECON	2103	Principles of Microeconomics	3			3		i						3	
ECON	2113	Microeconomics Note: ECON 2123 OR ECON 3123	3	-		!		!							
ECON	2123	Macroeconomics	3			:		3						3	
ECON FINA	3123 2303	Macroeconomic Theory I Financial Management	3	-	3	!		!						3	
ISOM	2010	Introduction to Information Systems	3	-	-	: -	-	: -	-	-	-	-	-	0	Substituted by COMP 1021/ 1022P/
			1	1		<u> </u>		<u> </u>							2011/ 2012H Waived for DDP students if they
ISOM	2020	Coding for Business	1	-	-	i -	-	i -	-	-	-	-	-	0	have taken and passed COMP 1021 or COMP 1029P
ISOM	2500	Business Statistics	3	3		1		<u> </u>						3	OI COMP 1029P
ISOM ISOM	2600 2700	Introduction to Business Analytics Operations Management	3	-		<u> </u>		1				3		3	
MARK	2120	Marketing Management	3	1		<u> </u>	3	<u> </u>				3		3	
MGMT	2010	Business Ethics and the Individual	2				_					2		2	
MGMT MGMT	2110 2130	Organizational Behavior Business Ethics and Social Responsibility	2	1	-	<u> </u>	3	 					2	2	
SBMT	1111	Business Student Induction	0	-	-	<u> </u>	-	<u> </u>	-	-	-	-	-	0	Waived for DDP students
LABU LABU	2040 2060	Business Case Analyses Effective Communication in Business	3	₩-	-	<u>: -</u> :	-	<u>: - </u>	-	3	-	-	-	3	Waived for DDP students
		Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3-4	1		<u> </u>		<u> </u>							DDP students should take MATH
MATH MATH	1003 1012	Calculus and Linear Algebra Calculus IA	3 4			į		į							1012 or MATH 1013 or MATH 1020 or
MATH	1013	Calculus IB	3	(3)		į		į						0	MATH 1023 to satisfy the requirements of both BEng and BBA
MATH MATH	1020 1023	Accelerated Calculus Honors Calculus I	4 3	Ĭ		Í		Í							degrees
	!	Required credits for School Requirements	43-44			Ĺ		Ĺ						35	
Major Required Co	ments ourses and Electiv	202													
SB&M	ourses and Electiv	SB&M Electives (Any 9 courses offered by the departments under SB&M, of which at least 4	29	1		i		4	6	3	6	4	6	29	
	1	courses are of 3000-level or above.) Required credits for Major Required Courses and Electives		-		:	1	;	"			-	0	29	
Additional F	Requirements		, ²⁸	II	1	1	+		 		1	1	ļ	72	!
	for Dual Degre														
Required Courses	S			п							1		1		1
TEMG	1010	T&M Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	
TEMG	3950	T&M Case Analysis and Product Innovation	3	1	3	<u>ļ </u>	1	<u> </u>	1	<u> </u>				3	
TEMG	4950	T&M Corporate Consulting Project Required credits for Additional Requirements	3-5 7	\vdash				4		 				7	
University CO	RE	nequired credits for Additional Requirements	<u>- '</u>	II	1		+		 		1	1	ļ	· '	!
CORE	C3 - C12	U CORE - Others	30		3	6	6	!			6	3	6	30	
CORE	C1 & C2	U CORE - English Language	6	3	3	Ļ								6	
		Sub-total for University CORE	36	-		i	1	Term load (e	xcl free cm	lits)				36	
				15	18	18	18	18	18	11ts) 18	18	18	17	1	
						<< Declar	ratio - "	1 << Declar	76##]	
Notes:						<< Declar BEng ma		<< Declar							

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
- $\ensuremath{\mathit{\#H}}$ To graduate, students should complete all requirements as specified for DDP.

SEng major

BBA major

**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.