The Hong Kong University of Science and Technology

School of Engineering and School of Business Management

School:

Student's Pathway

CEMARK 2022-23 Intake (Via DDP PBA)

	Dual Degree Program (BEng in Chemical Engineering and BBA in Marketin	ıg)												
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
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ements	neering													
	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Introduction to Computer Science	3-5 3			į		<u> </u>							Students should take COMP
2011	Introduction to Computing with Java Programming with C++	3	3		į		į						3	which will also be used to subs ISOM 2010 and to waive ISOM
1020	General Chemistry I	5 3	3		<u>!</u>		<u> </u>						3	
2030	Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND	3 4-7	-	-	<u> </u>	-	<u></u> !	-	-	-	-	-	0	Waived for DDP students
1012 1013	Calculus IA Calculus IB	4 3			!		! :							
1014 1020	Calculus II Accelerated Calculus	3 4	3	3	i		! !						ь	
1024	Honors Calculus II	3			<u> </u>								2	
1112	Note: PHYS 1112 OR PHYS 1312	3		3	 		 						3	
1312	Honors General Physics I	3			 		<u>:</u>						18	
Courses and Electiv	Note: CENG1000 OR CENG1500	1	1	1	·	1		1	1			1	1	
1000 1500	A First Course on Materials Science and Applications	3 3	3		!		! 						3	
1600 1700	Biotechnology and Its Business Opportunities	3		3	į		į						3	
1010	Introduction to Biomedical Engineering Academic and Professional Development I	3			0		<u>i </u>						0	
1980	Industrial Training Process and Product Design Principles	0			3		<u>:</u> 					0	0	
2210	Chemical and Biological Engineering Thermodynamics	3			Ţ	3	<u> </u>						3	
2220	Transport Phenomena I Modeling for Chemical and Biological Engineering	3			3	3	!						3	
3110 3150	Process Dynamics and Control Integrated Chemical Process & Product Design	3 5			<u>:</u>		<u>:</u>	3 5					3	
3210	Separation Processes	3			ļ.		3						3	
3230	Chemical and Biological Reaction Engineering	3			<u> </u>		3						3	
3950 4020	Academic and Professional Development II	4 0			 		<u> </u>			4	0		4 0	
	taking the Research Option must take CENG 4930)				į		į							
4930	Chemical Engineering Thesis Research	6			!		! :				3	3	6	
2010	Engineering Seminar Series	0			0	0	0	0					0	
2111	Laboratory for General Chemistry I Fundamentals of Organic Chemistry	3		1	<u>į </u>	3	į						3	
2155 4035	Fundamental Organic Chemistry Laboratory Technical Communication II for Chemical and Biological Engineering	1 3			Ì	1					3		1 3	
2410	Note: BIEN2410 OR BIEN2610 OR LIFS1901	3			i	2	<u>:</u>							
2610 1901	Chemical Biology for Engineers General Biology I	3 3			į	3	<u> </u>							
keting rements	uired credits for Major Requirements Courses and Electives	68											68	
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* Courses offered in winter term

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

 $\ensuremath{\mathit{\#H}}$ 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.