The Hong Kong University of Science and Technology **Academy of Interdisciplinary Studies**

CEGBUS 2023-24 Intake

30

(Via DDP PBA) An Example on Student's Pathway (as of August 3, 2023) << Declaration of | << Declaration of BEng major BBA major Student's Pathway School School of Engineering and School of Business Management Dual Degree Program (BEng in Chemical Engineering and BBA in Global Business) Remarks Course Title / Courses List Offering Dept. Course Code 3 Spring course code prefix) **BEng in Chemical Engineering** Major Requirements te: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Note: COMP1021 OR COMP1022P ntroduction to Computer Science ntroduction to Computing with Java 'rogramming with C++ lonors Object-Oriented Programmin Jeneral Chemistry I Students should take COMP1021 which will also be used to substitute SOM 2010 and to waive ISOM 202 3 ANG 2030 0 Waived for DDP students ote: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020] MATH 3 3 6 ИΑТН 1020 1023 ИΑТН nors Calculus I /ATH onors Calculus II 3 ote: PHYS 1112 OR PHYS 1312 eneral Physics I with Calculus PHYS 1112 3 3 Required credits for Engineering Fundamental Courses 19-24 Major Required Courses and Electives te: CENG1000 OR CENG1500 A First Course on Materials Science and Application Note: CENG1600 OR CENG1700 OR BIEN1010 Biotechnology and Its Business Opportunities Introduction to Environmental Engineering Introduction to Biomedical Engineering Academic and Professional Development I 1600 CENG 3 3 3 CENG 1700 BIEN 1010 0 0 CENG 1980 Industrial Training 0 0 Process and Product Design Principles CENG 2110 3 3 hemical and Biological Engineering Thermodynamics CENG Transport Phenomena I 3 3 CENG Modeling for Chemical and Biological Engineering 3 3 2310 Integrated Chemical Process & Product Design CENG 3 3210 Separation Processes 3 ENG 3 3 CENG emical and Biological Reaction Engineering 3 3 3 3 CENG 3330 Data Science for Molecular Engineering 3 Chemical and Environment Engineering Laborator ENG 0 0 cademic and Professional Development II ote: CENG 4920 OR CENG 4930 OR CENG 4940 (Students 6 Note: CENG 4930 OR CENG 4930 AT CENG 4930 AT CENG 4930 Chemical Engineering Capstone Design
Chemical Engineering Thesis Research CENG CENG 6 Chemical Engineering Triesis Research Chemical Engineering Industrial Project Engineering Seminar Series aboratory for General Chemistry I CHEM CHEM Fundamentals of Organic Chemistry CHEM undamental Organic Chemistry Laboratory ANG 4035 cal and Biological Engineering 3 3 ote: BIFN2410 OR BIFN2610 OR LIFS1901 3 3 Required credits for Major Requirements Courses and Electives 68 68 **BBA** in Global Business School Requirements Principles of Accounting I 3 3 Principles of Accounting II Note: ECON 2103 OR ECON 2113 3 2103 3 CON 3 rinciples of Microeconomics CON 2113 Microeconomics Note: ECON 2123 OR ECON 3123 3 3 facroeconomic Theory FINA 2303 Financial Management 3 3 Substituted by COMF 2010 3 0 ISOM ntroduction to Information Systems 1021/1022P/2011/2012H Waived for DDP students if they 2020 1 0 SOM oding for Business have taken and passed COMP1021 or COMP 1029P Business Statistics ISOM 2500 ISOM Introduction to Business Analytics 2600 ISOM perations Management MGMT 2010 Business Ethics and the Individual 2 2 MGMT MGMT 2130 siness Ethics and Social Re Non DDP-ECON students take ONLY a 3-credit of SBM-specific English course, in which they can choose from one of the three LANG courses (LANG 2061, LANG 2062, Note: LANG 2061 OR 2062 OR 3060 2061 Professional Writing for the Workplace Professional Speaking for the Workplace ANG 2062 3060 Advanced Academic Writing courses (LANG 2061, LANG 2062, or LANG 3060).

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. ote: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATI alculus and Linear Algebra alculus IA alculus IB ccelerated Calculus (3) degrees onors Calculus I Required credits for School Requirements 45-46 **Major Requirements** Major Required Courses and Electives 0 **GBUS** Global Leadership Development 0 0 0 0 0 BUS 2010 Global Business Analysis 3 3 3 Note: GBUS 2020 OR GBUS 2040
Public Service Project
Environmental, Social, and Governance (ESG) Corporate Proj GBUS [1] GBUS/ISOM Note: GBUS 3030 OR ISOM 4780 4 4 GBUS 3030 Global Business Case Studies [3] ISOM 4780 GBUS [4] Global Business Electives (Courses from the specified elective list, of which at least 6 redits from each area and at least 2 courses must be offered by GBUS. Courses taken to 15 GBUS 15 Ifill requirements of an additional major in SBM may not be o Required credits for Major Required Courses and Electives Additional Requirements Requirements for Dual Degree Program Required Cou T&M Professional Activities TEMG 3950 Γ&M Case Analysis and Product Innovation 3 3 TEMG 4950 T&M Corporate Consulting Project 3-5 Required credits for Additional Requirements **University CORE** C3 - C9 U CORE - Others 21 6 21 CORE C1 & C2 U CORE - English Language 6 6 HMAW 1905 Behavioral Foundations of University Education: Habits, Mindsets, and Wellr 3

*Remarks on course(s):

Sub-total for University CORE

18

19 19 18 17 16 21 17

19 21

⁽⁾ 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.

BEng major BBA major

>> 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.