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

An Example on Student's Pathway (as of August 3, 2023)

CEMGMT 2023-24 Intake

<< Declaration of | << Declaration of BBA major BEng major School of Engineering and School of Business Management Dual Degree Program (BEng in Chemical Engineering and BBA in Management) rogram: Year 3 Fall Remarks Offering Dept. (course code prefix) Course Title / Courses List Course Code BEng in Chemical Engineering Major Requirements Engineering Fundamental ote: COMP1021 OR COMP1022P OR CO Students should take COMP1021 hich will also be used to substitut ISOM 2010 and to waive ISOM 2020 COMP COMP COMP COMP CHEM ntroduction to Computer Science ntroduction to Computing with Java Programming with C++ tonors Object-Oriented Programmin 3 1020 General Chemistry I 3 3 echnical Communication I lote: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND Waived for DDP students (MATH 1014 OR MATH 1024)] OR [MATH 1020] 1012 Calculus IA MATH MATH 1013 1014 alculus IB 3 3 6 alculus II ccelerated Calculus 1023 onors Calculus I 1112 3 nors General Physics I Required credits for Engineering Fundamental Courses 19-24 18 Major Required Courses and Electives A First Course on Materials Science and Applic Note: CENG1600 OR CENG1700 OR BIEN10 CENG CENG Biotechnology and Its Business Opportunities 3 3 ntroduction to Environmental Engineering troduction to Biomedical Engineering CENG Academic and Professional Development I 0 dustrial Training CENG ocess and Product Design Principle CENG 2210 Chemical and Biological Engineering Thermodynamics 3 3 CENG Modeling for Chemical and Biological Engineering rocess Dynamics and Control CENG tegrated Chemical Process & Product Design 5 5 5 CENG 3210 Separation Processes 3 3 CENG CENG Chemical and Biological Reaction Engineering 3 ata Science for Molecular Engineering CENG hemical and Environment Engineering Laborator CENG 4020 Academic and Professional Development II

Note: CENG 4920 OR CENG 4930 OR CENG 4940 (Students 6) 0 aking the Research Option must take CENG 4930) Chemical Engineering Capstone Design Chemical Engineering Thesis Research CENG CENG CENG hemical Engineering Industrial Project ENGG Engineering Seminar Series 0 0 CHEM aboratory for General Chemistry I 1 1 CHEM 2111 Fundamentals of Organic Chemistry 3 3 Indamental Organic Chemistry Laboratory LANG 4035 Technical Communication II for Chemical and Biological Engineering Note: BIEN2410 OR BIEN2610 OR LIFS1901 3 BIEN 2410 2610 3 3 Chemical Biology for Engineers BIEN LIFS eneral Biology I Required credits for Major Requirements Courses and Electives 68 68 **BBA** in Management **School Requirements** inciples of Accounting ACCT Principles of Accounting II Note: ECON 2103 OR ECON 2113 ECON 2103 rinciples of Microeconomics 3 3 3 **ECON** 2113 Microeconomics Note: ECON 2123 OR ECON 312 3 FINA 2303 inancial Management ISOM 2010 roduction to Information Systems 0 1021/1022P/2011/2012H aived for DDP students if they taken and passed COMP102 SOM 2020 oding for Business 0 ve taken and pas Business Statistics roduction to Business Analytics Operations Management MARK Marketing Management 3 3 MGMT 2010 Business Ethics and the Individual 2 MGMT 2110 is a major pre-3 MGMT 2110 Organizational Behavior 3 MGMT 2130 Business Ethics and Social Responsibility 2 Non DDP-ECON students take Note: LANG 2061 OR 2062 OR 3060 ONLY a 3-credit of SBM-specific Professional Writing for the Workplace Professional Speaking for the Workplace LANG 2062 3060 3 oose from one of the three LANG Advanced Academic Writing ourses (LANG 2061, LANG 2062 or LANG 3060) ote: MATH 1003 OR MATH 1 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 MATH MATH MATH MATH (3) celerated Calculus BBA degrees nors Calculus I Required credits for School Requirements 45-46 Major Requirements Major Required Courses and Electives Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this Students in the Consulting Option must take MGMT 3120 equirement.) 3110 3120 MGMT anagerial Leadership ote: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGN lote: MGMT 3130 OR INGINE 31.0 (S.222. i140 to fulfill this requirement.) ludgement and Decision Making in Organizations Students in the Consulting Option must take MGMT 3140 4 4 MGMT 3130 Logerines and Section 1997.

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Jote: MGMT 4210 OR MGMT 4220 (Students in the Consulting Option or in the Corporate Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill MGMT 3-4 Students in the Consulting MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified Option are recommended to take MGMT 4220 and a new 3 MGMT 3 ourses taken as Option Required Courses may not be counted towards the elective course in Simulating Strategy requirement.) to fulfill the major elective Required credits for Major Required Courses and Electives Additional Requirements Requirements for Dual Degree Program Required Course 3 3 TEMG 3950 T&M Case Analysis and Product Innovation 3 Required credits for Additional Requirements University CORE U CORE - Others 21 CORE C1 & C2 U CORE - English Language Behavioral Foundations of University Education: Habits, Mindsets, and Wellness 1905 Sub-total for University CORE 30 18 16 19 21 18 19 20

() indicates the reuse of the same course to fulfill more than one requirement

* Courses offered in winter term

^ Courses offered in summer term

**Remarks on course(s)

- denotes the course/requirement is either waived or substituted ## To graduate, students should complete all requirements as specified for DDP.

<< Declaration of BEng major BBA major BEng major