The Hong Kong University of Science and Technology Interdisciplinary Programs Office

<< Declaration of

BBA major

BEng major

CEMGMT 2020-21 Intake

(Via DE

School of Engineering and School of Business Management Dual Degree Program (BEng in Chemical Engineering and BBA in Management) rogram: Remarks Course Title / Courses List Offering Dept Course Code BEng in Chemical Engineering Major Requirements Engineering Fundamental C Note: COMP 1021 OR COMP 1022P OR COMP 2011 Introduction to Computer Science Introduction to Computing with Java Programming with C++ ENGG Note: CHEM1010 OR CHEM1020 3 1010 3 CHEM CHEM General Chemistry IB Technical Communication I Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IB Calculus II 4-7 1012 1013 1014 1020 1023 1024 3 3 Ionors Calculus I Innors Calculus II MATH Introduction to Multivariable Calculus MATH 3 3 Required credits for Engineering Fundamental Courses 19-23 21 Major Required Courses and Electives Note: CENG1000 OR CENG1500 Introduction to Chemical and Biological Engineering A First Course on Materials Science and Applications Note: CENG1600 OR CENG1700 OR BIEN1010 Biotechnology and Its Business Opportunities Introduction to Environmental Engineering Introduction to Biomedical Engineering CENG 1600 3 CENG 1700 1010 Academic and Professional Development CENG 1980 Industrial Training 0 0 CENG 2110 Process and Product Design Principles 3 3 3 Chemical and Biological Engineering Thermodynamic CENG Process Fluid Mechanics 3 Modeling for Chemical and Biological Engineering CENG 2310 3 3 CENG 3150 Integrated Chemical Process & Product Design 5 5 CENG 3 3 3210 3 Chemical and Biological Reaction Engineering Chemical and Environment Engineering Laborator CENG CENG Note: CENG4920 OR CENG4930 OR CENG4940 CENG Chemical Engineering Capstone Design 3 CENG CENG 4930 Chemical Engineering Thesis Research Chemical Engineering Industrial Project Engineering Seminar Series CHEM 1050 Laboratory for General Chemistry I CHEM 2111 Fundamentals of Organic Chemistry 3 3 Fundamental Organic Chemistry Laboratory LANG Technical Communication II for Chemical and Biological Engineering 3 3 Note: BIEN2410 OR BIEN2610 OR LIFS1901 BIEN 2410 Cellular and Systems Physiology for Engineers 3 2610 Chemical Biology for Engineers eneral Biology I 12 12 Required credits for Major Requirements Courses and Electives **BBA** in Management School Requirements Principles of Accounting I Principles of Accounting II Note: ECON 2103 OR ECON 2113 3 3 3 ECON 2103 Principles of Microeconomics **ECON** 2113 3 Financial Management FINA 2303 3 ISOM 2010 Introduction to Information Systems 3 0 Coding for Busines ISOM ISOM 2500 Business Statistics 3 3 ISOM 2600 Introduction to Business Analytics 1 1 Operations Management 3 MARK 2120 Marketing Management 3 MGMT 2 2 Business Ethics and the Individual MGMT 2110 is a major pre-MGMT 3 3 2110 Organizational Behavior 3 requisite MGMT 2130 Business Ethics and Social Responsibility 2 SBMT Waived for DDP students 1111 0 Business Student Induction Business Case Analyses LABU Effective Communication in Business Entective Communication in Business
Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MAT
Calculus and Linear Algebra
Calculus IA
Calculus IB
Accelerated Calculus B 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 (3) Required credits for School Requirements 45-46 39 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 requirement.)
Human Resources Management Managerial Leadership Students in the Consulting Option must take MGMT 3120 Note: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take Judgement and Decision Making in Organizations MGMT 3140 Note: 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 this requirement.)

Corporate Strategy

Enterprepagation Students in the Consulting Option must take MGMT 4210 Students in the CSR Option 3 4210 Students in the Consulting Option are recommended to take MGMT 4220 and a new MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the иGМТ course in Simulating Strategy to fulfill the major elective Required credits for Major Required Courses and Electives 20 **Additional Requirements** Requirements for Dual Degree Program Required Courses Technology and Management Professional Activities TEMG Case-based Problem Solving Required credits for Additional Requirements University CORE U CORE - Others U CORE - English Language Sub-total for University CORE 36 36 << Declaration of << Declaration of

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

[] denotes the course is also offered in other terms as indicated and students may take the course in one of these subject to advice by the program office.

**Remarks on course(s

^{*} Courses offered in winter term

^ Courses offered in summer term

[^] Courses offered in summer term
--- denotes the course/requirement is either waived or substituted

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

>> 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.