## The Hong Kong University of Science and Technology **Interdisciplinary Programs Office**

An Example on Student's Pathway (as of July 22, 2022)

BBA major

BEng major

BTECON 2022-23 Intake

School of Science and School of Business Management Dual Degree Program (BSc in Biotechnology and BBA in Economics) Remarks Course Title / Courses List Course Code course code prefix) BSc in Biotechnology School Requirements Note: COMP1021 OR COMP1022P OR COMP2011 Students should take COMP102 introduction to Computer Science
introduction to Computing with Java
frogramming with C++
inglish for Science I 3 3 ISOM 2010 and to waive ISOM 2020 Waived for DDP students English for Science I

Science Foundation courses (8 courses from the specified elective list. Students should take (i) 7 foundation lecture courses, including at least 1 lecture course, but no more tha 3 lecture courses, from each of the four disciplines: CHEM, LIFS/OCES, MATH and PHYS; and (ii) I laboratory course.] Chemistry in Everyday Life General Chemistry IR

General Chemistry IB

General Chemistry II

Laboratory for General Chemistry I

Laboratory for General Chemistry II

General Biology I (@

General Biology II (@

General Biology II (@

General Biology II (@

General Special II) SSCI CHEM CHEM CHEM CHEM CHEM LIFS 1055 1901@ LIFS LIFS LIFS LIFS LIFS MATH General Biology II @ Laboratory for General Biology I Laboratory for General Biology II 1902@ LIFS1901 & LIFS1902 are Major Pre-requisite 1903 1904 1930 2210 1012 Nature of Life Sciences CHEM1010, CHEM1030, LIFS1903, LIFS2210 and 10 3 22 1013 1014 Calculus II MATH1013 to satisfy the 1020 1023 Accelerated Calculus ments of both SSCI Sch lonors Calculus I requirements and Major lonors Calculus II Multivariable Calculus \_inear Algebra MATH OCES 2131 1030 Honors in Linear and Abstract Algebra I Environmental Science Physics and the Modern Society 1001 General Physics I
General Physics I with Calculus
Laboratory for General Physics I
General Physics II
Laboratory for General Physics II
Laboratory for General Physics II Required credits for School / Major Pre-requisite Requirements 25-29 **Major Requirements** Major Required Courses and Electives Laboratory for General Biology I aboratory for General Biology I Introduction to Biotechnology lant Biology (3) 0 LIFS 3060 Microbiology 3 3 technological Application of Recombinant DNA Techniq LIFS 3140 Seneral Genetics 4 3 3 Plant Biotechnology concepts and Issues in Contemporary Biotechnology lote: LIFS4963 OR (LIFS4973 AND LIFS4983) OR (SCIE4500 AND LIFS4983 Students following IRE Track can only use (SCIE4500 AND LIFS4983) to fulfill the surfacement 1. LIFS 3-7 [3] 3 Biotechnology Project Research I Biotechnology Project Research II IRE Research Project II
Note: CHEM1010 OR CHEM1020 CHEM 0 (3) aboratory for General Chemistry I CHEM CHEM 1055 aboratory for General Chemistry II 1 Note: CHEM 2110 OR CHEM 2311 3 3 CHEM 2110 Inalytical Chemistry
Iole: CHEM2155 OR CHEM2355
Iundamental Organic Chemistry Laboratory
Iundamental Analytical Chemistry Laboratory
Iundamental Analytical Chemistry Laboratory technology and Its Business Opportunities Science Communication in English (Life Science)
Biotechnology Electives (Courses from the specified elective list; Students following IR LANG LIFS/ BIPH/ BTEC/ 15 PHYS/ BIEN/ CENG the elective requirement.)
Required credits for Major Required Courses and Electives **BBA** in Economics School Requirements Principles of Accounting I 3 Note: ECON 2103 OR ECON 2113 3 3 ECON 2103 nciples of Microeconomics 3 licroeconomics lote: ECON 2123 OR ECON 3123 ECON 2113 major pre-requisite 2123 3 3 inancial Management ubstituted by COMP 1021/ 1022F SOM 2010 3 0 troduction to Information Systems 2011
/aived for DDP students if they
re taken and passed COMP1021
or COMP 1029P ISOM ntroduction to Business Analytics ISOM 2700 Operations Management 3 MGMT Business Ethics and the Individual Organizational Behavior 3 siness Ethics and Social Responsibility LABU Waived for DDP students ffective Communication in Business ote: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 DDP students should take MATH 1013 OR MATH 1023 to satisfy the requirements of both BSc and BBA Accelerated Calculus Honors Calculus I degrees Required credits for School Requirements 43-44 **Major Requirements** Major Required Courses and Electives Managerial Microeconomics Managerial Macroeconomics 4 Introduction to Econometrics onomics Research and Communication ECON 0 ECON 4000-level Electives (Any 3 courses of the subject and level as specified) ECON 11 Required credits for Major Required Courses and Electives 23 23 **Additional Requirements** Requirements for Dual Degree Program T&M Professional Activities TEMG 3950 T&M Case Analysis and Product Innovation T&M Corporate Consulting Project 3-5 TEMG 4950 4 Required credits for Additional Requirements **University CORE** U CORE - Others 21 U CORE - English Language Rehavioral Foundations of University Education: Habits, Mindsets, and Wellness Sub-total for University CORE 30 30 19

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

\*\*Remarks on course(s):

<< Declaration of BEng major

<< Declaration of BBA major

<sup>@</sup> Course that students need to complete before enrolling into respective major/program

<sup>[]</sup> 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.

<sup>-</sup> denotes the course/requirement is either waived or substituted

<sup>##</sup> To graduate, students should complete all requirements as specified for DDP.

<sup>&</sup>gt;> 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