COFINA 2022-23 Intake The Hong Kong University of Science and Technology Interdisciplinary Programs Office An Example on Student's Pathway (as of Nov 9, 2022) << Declaration of | << Declaration of BEng major School of Engineering and School of Business Management Student's Pathway Dual Degree Program (BEng in Computer Science and BBA in Finance) Remarks Course Title / Courses List ourse code prefix) BEng in Computer Science Major Requirements Engineering Fundamental Courses ote: COMP1021 OR COMP1022F hich will also be used to substitu troduction to Computer Science troduction to Computing with Java ISOM 2010 and to waive ISOM COMF Note: CHEM1008 OR CHEM1020 OR LIFS190 OR PHYS1101 OR PHYS1112 OR PHYS1312 CHEM CHEM LIFS Introductory Chemistry General Chemistry I General Biology I PHYS ntroductory Physics General Physics I with Calculus PHYS onors General Physics I PHYS 2030 Technical Communication I Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) ANI Waived for DDP students (MATH 1014 OR MATH 1024)] OR [MATH 1020] MATH 1012 MATH 1013 Calculus IB 3 MATH 1014 Calculus II MATH ccelerated Calculus MATH 1023 onors Calculus I Ionors Calculus II MATH Matrix Algebra and Applications on course (COMP students may also use COMP1022P to fulfi SENG 3-4 (3) 0 uirement) Required credits for Engineering Fundamental Courses 19-23 15 Major Required Courses and Electives ote: (COMP2011 AND COMP2012) OR COMP2012H ogramming with C++ ject-Oriented Programming and Data Structures onors Object-Oriented Programming and Data Str COMP COMP 2611 Computer Organization

Iote: COMP2711 OR COMP2711H 4 screte Mathematical Tools for Computer Science COME 2711 4 4 4 COME nors Discrete Mathematical Tools for Computer Sciente: COMP3111 OR COMP3111H 4 3111 4 4 COMF Software Engineering COME Honors Software Engineerin 3 3 lote: COMP3711 OR COMP3711H design and Analysis of Algorithms Honors Design and Analysis of Algorithm 3 COMP 3 Note: Students are required to take COMP4900 for every regular term in which they are i residency at HKUST with major in COMP Academic and Professional Development Note: [COMP 1991 AND (COMP 4981 OR COMP 4981H)] OR [COMP 4910] COME 4900 0 0 0 0 0 0 0 0 0 0 COMF 1991 Final Year Project Final Year Thesis COME 4981H COMP ELEC/II Co-op FYP Program Note: ELEC 2600 OR ELEC 3-4 MATH 2421 OR MATH 2431 bility and Random Processes in Engineering Honors Probability and Random Processes in Engineering Probability for Engineers Statistics for Engineers ELEC which will also be used to su ISOM 2500. MATH Applied Statistics MATH onors Prob Engineering Seminar Series
Technical Communication II for CSE, CPEG & DSCT
COMP Electives (5 courses from the specified elective list, of which at least 3 courses ENGG should be taken from 1 area and at least 2 courses outside that area (including course(s in the Courses Without Associated Area). Students may use at most one course under Deep Learning Applications (COMP 4471 and COMP 5223) to count towards this electiv COMF 15 СОМР 3 Required credits for Major Requirements Courses and Electives 53-58 57 **BBA** in Finance **School Requirements** Principles of Accounting I Principles of Accounting II Note: ECON 2103 OR ECON 2113 ECON 3 3 2103 3 rinciples of Microeconomics CON 2113 Microeconomics Note: ECON 2123 OR ECON 3123 3 Macroeconomic Theory **ECON** 3123 FINA 2303 is a major pre-requisite 3 3 ubstituted by COMP 1021/ 1022P/ ISOM 2010 Introduction to Information Systems 3 2011/ 2012H Waived for DDP students if they ave taken and passed COMP1021 or COMP 1029P Substituted by MATH 2411 ISOM 2020 oding for Business ISOM Business Statistics 0 ISOM 2600 ntroduction to Business Analytics ISOM 700 Operations Management 3 3 Marketing Managemer MGMT Business Ethics and the Individual MGMT MGMT Business Ethics and Social Responsibility 2 0 2130 LABU 2040 0 Waived for DDP students Business Case Analyses LABU 3-4 3 4 Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 матн 012 or MATH 1013 or MATH 1021 or MATH 1023 to satisfy the requirements of both BEng and (3) BBA degrees Required credits for School Requirements Major Requirements Major Required Courses and Electives Key Skills for Finance Professionals (A) FINA 3103 Intermediate Investments FINA 3203 Derivative Securities 3 3 3 FINA 3 3 FINA 3810 Bloomberg Market Concepts Certification
Note: (ACCT 3010 AND ACCT 3020) OR ACCT 3030 0 ACCT 3010 3 ACCT 3020 inancial Accounting II Intermediate Financial Accounting for Non-Accounting Major Note: ISOM 3230 OR ISOM 3400 If DDP students took COMP 1021 in ISOM 3230 3 3 Business Applications Programming BEng requirement, they are required to enroll ISOM 3230. Python Programming for Business Analytics ISOM FINA 3000-level or above Electives (Any 3 courses of the subject and level as specified) 9 FINA Required credits for Major Required Courses and Electives 25-28 25 **Additional Requirements** Requirements for Dual Degree Program Required Course TEMG 3950 T&M Case Analysis and Product Innovation 3 3 TEMG 4950 T&M Corporate Consulting Project 3-5 4 Required credits for Additional Requirements **University CORE** 21 21

U CORE - Others C3 - C9

U CORE - English Language 1905 Behavioral Foundations of University Ed

Sub-total for University CORE

information on course offering and scheduling, students should check it out from respective School and Departm

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Notes

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

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