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

An Example on Student's Pathway

COGBM 2019-20 Intake

<< Declaration of major School of Engineering and School of Business Management School: Student's Pathway ourse Title / Courses List BEng in Computer Science Major Requirements Engineering Fundamental Courses Introduction to Computer Science
Introduction to Computing with Java
Introduction to Computing with Java
Introduction to Computing with Excel VB/ This course will also be used to substitute ISOM 2010 ENGG HYS1112 OR PHYS1312 ememisty in Everyday Life eneral Chemistry IA eneral Chemistry IB eneral Biology I lysics and the Modern Society eneral Physics I with Calculus onors General Physics I 3 901 Rollinds (united in Prijuss).
Technical Communication I
Note: ((MATH/012 OR MATH/013 OR MATH/023) AND (MATH/014 OR MATH/024) OR (MATH/014 OZ)
Calculus (Calculus II
Calculus II
Accolerated Calculus II
Honors Calculus I LANG 1012 1013 1014 1020 1023 3 3 nors Calculus II MATH 1024 3-4 (3) Required credits for Engineering Fundamental Courses 19-23 18 Major Required Courses Note: (COMP2011 AND COMP2012) OR COMP2012
Programming with C++
Object-Oriented Programming and Data Structures
Honors Object-Oriented Programming and Data Structure COMP 2012H JYS LOBJECTURE OF COMPZZTTH

cete Mathematical Tools for Computer Science
rete Mathematical Tools for Computer Science
or Discrete Mathematical Tools for Computer Science
COMP3111 OR COMP3111H

ware Engineering 2711 2711H 4 4 3111 3111H ware Engineering ors Software Engineering 4 4 4 Prionors Software Engineering
Operating Systems
Note: COMP3711 OR COMP3711H
Design and Analysis of Algorithms
Honors Design and Analysis of Algorithms
House Subdems are required to take Culturation of COMP
Academic and Professional Development
Houstrial Experience
Industrial Experience
Final Year Primer

Houstrial Experience COMP 3711 3711H 3 3 0 0 0 0 0 0 0 0 4900 Industria Expansion.
Final Year Project
Final Year Thoeis
Co-op-PyP Program
Note: ELECZ800 OR IELMZ510 OR MATH2411 OR MATH2421 OR MATH2431 ELEC IEDA IEDA MATH MATH MATH ENGG 2600 2520 2540 2411 Probability and Random Processes in Engineer Probability for Engineers Statistics for Engineers Applied Statistics Probability Students should take MATH 2411 which will also be used to substitute ISOM 2500 COMP 15 3 15 taken from 1 area and at least 2 co COMP Elective (Any 1 course offered under COMP)

Required credits for Major Requirements Courses and Electives COMP 3 BBA in General Business Management School Requirements Principles of Accounting I 3 Note: ECON 2103 OR ECON 2113 3 3 3 3 3 3 Macroeconomics Theory I inancial Managemen 2303 Substituted by COMP 2010 Introduction to Information Systems 3 0 ISOM Coding for Business ISOM 2700 Operations Management 3 3 Business Ethics and the In MGMT 2110 MGMT SBMT usiness Ethics and Social Responsibility usiness Student Induction LABU 2040 Business Case Analyses 3 Effective Communication in Business Note MATH003 OR MATH1012 OR MATH1013 OR MATH1020 OR MATH102: Calculus and Linear Algebra⊡ Calculus IA Calculus IB⊡ (3) ccelerated Calculus
onors Calculus I Required credits for School Requirements Major Requirements Major Required Courses and Electives SB&M Electives (Any 9 courses offered by the departments under SB&M, of which at least 4 courses are of 3000-level or above.)

Required credits for Major Required Courses and Electives 29 29 **Additional Requirements** Requirements for Dual Degree Program Required Courses Required credits for Additional Requirements University CORE U CORE - Others U CORE - English Language Sub-total for University CORE 17 19 17 18

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

## To graduate, students should complete all requirements as specified for DDP.

<< Declaration of 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.