The Hong Kong University of Science and Technology Academy of Interdisciplinary Studies An Example on Student's Pathway (as of April 1, 2025)

COECON 2025-26 Intake

6

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<< Declaration of BEng major School of Engineering and School of Business Management Dual Degree Program (BEng in Computer Science and BBA in Economics) Course Title / Courses List 1 Spring BEng in Computer Science **Engineering Fundamental Courses** 6-7 DDP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees lonors Calculus II Note: MATH 2111 OR MATH 2121 OR MATH 2131 3-4 onors in Linear and Abstract Algebra I Required Credits for Engineering Fundamental Courses 12 Major Required Courses and Electives lote: (COMP 2011 AND COMP 2012) OR COMP 2012H Programming with C++
Object-Oriented Programming and Data Structures
Honors Object-Oriented Programming and Data Structures COMP COMP 2012 2012H COMP 2611 Computer Organization Note: COMP2711 OR COMP2711H 4 3111 3111H COMP Operating Systems 3-4 lote: COMP3711 OR COMP3711H 3 Note: Students are required to take COMP4900 for every regular term in which they are in residency at HKUST with major in COMP Academic and Professional Development 0 OMP 4900 0 0 0 0 0 0 0 0 0 0 0 Note: [COMP 1991 AND (COMP 4981 OR COMP 4981H)] OR [COMP 4910] Industrial Experience Co-op Program Final Year Project Final Year Thesis iote: ELEC 2600 OR ELEC 2600H OR IEDA 2520 OR IEDA 2540 OR MATH 2411 OR MATH 2421 OR MATH 2431 ELEC/IEDA/MATH 3-4 Probability and Random Processes in Engineering
Honors Probability and Random Processes in Engineering
Probability for Engineers
Statistics for Engineers
Applied Statistics
Probability
Honors Probability 4 Students should take MATH 2411 which will also be used to substitute ISOM 2500. COMP 2000-level or above Elective (Any course(s) of the subject and level СОМР 3 as specified) COMP Electives (5 courses from the specified elective list, of which at least 3 courses 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 (s) in Learning Applications (COMP 4471 and COMP 5223) to count towards this elective requirement.) 15 COMP BEng in Computer Science Major Requirements 60-66 0 4 8 12 **BBA** in Economics School Requirements Principles of Accounting I 3 3 Principles of Accounting II Note: ECON 2103 OR ECON 2113 Principles of Microeconomics
Microeconomics 2103 2113 3 CON 2103 / 2113 / 2123 is a major pre-requisite Note: ECON 2123 OR ECON 3123 2123 3 3 ECON ECON Macroeconomic Theory I Financial Management COMP 1023, COMP 1022P, COMP 2011 and COMP 2012H are more advanced computing courses as compared to ISOM 2010. Students SHOULD ake COMP1023 or COMP2011 or COMP2012H instead of ISOM 2010. 3 SOM 2010 ntroduction to Information Systems SOM 2020 is waived for DDP students who have taken and passed COMP 1023 or COMP 1029P or COMP2011 or COMP2012H. These two COMP ourses are similar or more advanced coding (Python) courses as ISOM 2020. SOM 2020 Coding for Business ISOM 2500 **Business Statistics** 0 Substituted by MATH 2411 3 Marketing Management MGMT MGMT MGMT 2130 Business Ethics and Social Responsibility 2 2 Note: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023 3-4 Calculus and Linear Algebra Calculus IB Accelerated Calculus Honors Calculus I (3) 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 Required credits for School Requirements 39-40 Major Required Courses and Electives Managerial Microeconomics Managerial Macro 3024 4 ECON 3334 Introduction to Econometrics 4 4 ECON 4000-level Electives (Any 3 courses of the subject and level as specified 11 11 Required credits for Major Required Courses and Electives 23 Additional Requirement for Dual Degree Required Courses T&M Professional Activities I T&M Professional Activities II T&M Professional Activities IV o graduate, students should complete ALL requirements as specified for DDP. 0 T&M Professional Activities V T&M Case Analysis and Product In 3 3-5 3 T&M Corporate Consulting Project

Required credits for Additional Required Consulting Project **University Common Core Requirement**

 13
 18
 17
 19
 16
 17
 16
 12
 13

U CORE - English Language

**Remarks on course(s):

C3 - C9

C1 & C2

>> 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.

Sub-total for University CORE

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

* Courses offered in winter term

[^] Courses offered in summer term

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