## The Hong Kong University of Science and Technology Academy of Interdisciplinary Studies

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DAECON 2025-26 Intake

An Example on Student's Pathway (as of Dec 21, 2025) << Selection of BEng major Student's Pathway School: School of Engineering and School of Business Management oual Degree Program (BEng in Decision Analytics and BBA in Economics) Program Year 1 Fall Remarks Year 1 Spring Year 2 Spring Year 3 Spring Year 4 Spring Year 5 Spring Course Title / Courses List Code code prefix **BEng in Decision Analytics** Engin ering Fundamental Courses te: COMP1023 OR COMP2011 OR COMP2012H 3-5 Students should take COMP 1023, COMP 2011 or COMP 2012H which will also be used to substitute ISOM 2010 and o waive ISOM 2020 ntroduction to Python Programming rogramming with C++ lonors Object-Oriented Programming and Data Structures ote: CHEM1012 OR PHYS1112 OR PHYS1312 eneral Chemistry B: Atomic Structure, Molecules, and Bonding Theories eneral Physics I with Calculus onors General Physics I ote: [(MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020] 4-6 Calculus I Calculus II Accelerated Calculus Honors Calculus I Honors Calculus II DDP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BB MATH troduction to Multivariable Calculus 3 3 Required Credits for Engineering Fundamental Courses Major Required Courses and Electives Academic and Professional Development I IEDA Academic and Professional Development II 0 0 ndustrial Training and Experience 2010 Introduction of Industrial Engineering and Decision Analytics 3 3 IEDA Probaility for Engineers 3 3 tatistics for Engineers his course will also be used to substitute ISOM250 3 Engineering Economics and Accounting tochastic Models 3 3 Industrial Data Systems redictive Analytics 3 3 ote: IEDA4901 OR IEDA4920 6 Final Year Thesis Decision Analytics Final Year Project lote: ECON2103 OR ECON2113 3 rinciples of Microeconomics Area Electives (5 courses from the specified elective list, of which all  $\overline{5}$  courses should be taken from the area) 15 3 6 3 3 15 BEng in Decision Analytics Major Requirements BBA in Economics School Requirements Principles of Accounting I ACCT Principles of Accounting II ote: ECON 2103 OR ECON 2113 3 (3) rinciples of Microeconomics CON 2103 / 2113 / 2123 is a major pre-requisite ote: ECON 2123 OR ECON 3123 3 inancial Management COMP 1023, COMP 1022P, COMP 2011 and COMP 2012H are more advanced computing courses as compared to ISOM 2010. Students SHOULD take COMP1023 or COMP2011 or COMP2012H instead of ISOM 2010. SOM 2010 troduction to Information Systems 3 0 ISOM 2020 is waived for DDP students who have taken and passed COMP 1023 or COMP 1029P or COMP2011 or COMP2012H. These two COMP courses are similar or more advanced coding (Python) courses as ISOM 2020. SOM Coding for Business 1 ISOM 2500 Business Statistics 3 0 Substituted by IEDA 2540 ISOM Introduction to Business Analytics 2600 ISOM 2700 Operations Management 3 3 MARK Marketing Management 3 3 usiness Ethics and the Individual 2 2 MGMT Organizational Behavior 3 3 MGMT Business Ethics and Social Responsibility ote: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023 3-4 Calculus and Linear Algebra Calculus IB Accelerated Calculus Honors Calculus I DDP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA (3) Required Credits for School Requirements 39-40 Major Required Courses and Electives 4 4 ECON ntroduction to Econometrics ECON 4000-level Electives (Any 3 courses of the subject and level as specified)

Required Credits for Major Required Courses and Electives 11 11 Additional Requirement for Dual Degree Requirements for Dual Degree Program T&M Professional Activities I TEMG T&M Professional Activities II graduate, students should complete ALL requirements as specified for DDP T&M Professional Activities V T&M Case Answer and Product Innovation

T&M Corporate Consulting Project

Required Credits for Additional Requirements

University Common Core Requirement

U CORE - Others

J CORE - English Language

Behavioral Foundations of University Education: Habits, Mindsets, and Wellness

C3 - C9

C1 & C2

\*Remarks on course(s):

13 17

18 15

21

Sub-total for University CORE

<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.