## The Hong Kong University of Science and Technology

**Interdisciplinary Programs Office** 

An Example on Student's Pathway (as of May 2, 2023) << Declaration of << Declaration of

BBA major

BEng major

AEECON 2022-23 Intake

(Via DDP PBA)

School: School of Engineering and School of Business Management Student's Pathway Dual Degree Program (BEng in Aerospace Engineering and BBA in Economics) rogram: Remarks Course Code Offering Dept. Course Title / Courses List course code prefix) BEng in Aerospace Engineering Major Requirements Engineering Fundamental Courses lote: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H troduction to Computer Science Students should take COMP1021 COMP COMP 1022P 2011 2012H ntroduction to Computing with Java Honors Object-Oriented Programming and Data Structures Technical Communication I
Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND LANG 2030 3 Waived for DDP students (MATH 1014 OR MATH 1024)] OR [MATH 1020] 1012 1013 1014 Calculus IA Calculus IB Calculus II 3 3 6 MATH 1020 ccelerated Calculus MATH 1023 onors Calculus I MATH nors Calculus II ote: MATH2111 OR MATH2350 OR MATH2351 MATH MATH latrix Algebra and Applications

pplied Linear Algebra and Differential Equations 2111 3 3 MATH 2351 roduction to Differential Equations te: PHYS1112 OR PHYS1312 1112 3 3 PHYS 3 Seneral Physics I with Calculus PHYS onors General Physics I CHEM/LIFS/ PHYS Science 1000-level course (Any 1 course of the subject and level as specified) 3 (3) 0 Required credits for Engineering Fundamental Courses 22-26 18 Major Required Courses and Electives MECH 1907 Introduction to Aerospace Engineering 3 MECH 1990 Industrial Training 0 0\* 0^ 0 MECH 2020 Statics and Dynamics 3 3 3 MECH 2040 Solid Mechanics I 3 3 Fluid Mechanics MECH 2210 3 3 3 MECH 2310 Thermodynamics 3 3 Engineering Materials MECH 2410 3 3 3400 Introduction to Composite Materials MECH 3 3 MECH 3610 Control Principles 3 3 MECH 3620 Aircraft Design 3 MECH 3640 3 3 MECH 3650 Aircraft Structural Analysis 3 MECH 3660 Gas Turbines and Jet Propulsion 3 3 Aircraft Performance and Stability MECH 3670 3 3 3 3 MECH 3680 Avionics Systems 3 3 MECH 3690 Aerospace Engineering Laboratory 3 3 MECH 4980 Final Year Aerospace Design Project 6 3 6 ELEC 2420 Basic Electronics 3 3 ENGG 2010 0 0 LANG 4034 Technical Communication II for Mechanical and Areospace Engineering 3 3 3 MECH Electives in Aerospace (2 courses from the specified elective list Required credits for Major Requirements Courses and Electives 63 **BBA** in Economics School Requirements ACCT Principles of Accounting I Principles of Accounting II Note: ECON 2103 OR ECON 2113 ACCT 2200 3 3 2103 3 3 CON 2103 / 2113 / 2123 is a majo 2113 **ECON** 2123 3 3 **ECON** 3 ECON 3123 Macroeconomic Theory I 2303 Financial Management ISOM 2010 ntroduction to Information Systems 3 0 1021/1022P/2011/2012H Vaived for DDP students if they ha taken and passed COMP1021 or COMP 1029P 2020 0 oding for Business ISOM 2500 Business Statistics 3 ISOM 2600 ntroduction to Business Analytics ISOM 2700 Operations Management 3 3 MARK 2120 Marketing Management 3 3 MGMT 2010 usiness Ethics and the Individual 2 2 2 MGMT 2110 Organizational Behavior 2130 siness Ethics and Social Responsibility 2 2 Waived for DDP students LABU 2040 **Business Case Analyses** 3 0 ECON 3700 Writing as an Economist 3 3 lote: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 calculus and Linear Algebra DDP students should take MATH 1012 or MATH 1013 or MATH 1020 1003 MATH MATH 1012 Calculus IA (3) or MATH 1023 to satisfy the 1013 Calculus IB equirements of both BEng and BBA MATH 1020 onors Calculus I Required credits for School Requirements 45-46 35 **Major Requirements** Major Required Courses and Electives **ECON** 3014 Managerial Microeconomics 4 4 ECON 3024 Managerial Macroeconomics 4 4 4 3334 ECON 4 4 roduction to Econometrics ECON ECON 4000-level Electives (Any 3 courses of the subject and level as sp 11 Required credits for Major Required Courses and Electives Additional Requirements Requirements for Dual Degree Program Required Courses TEMG 1010 T&M Professional Activities TEMG 3950 T&M Case Analysis and Product Innovation 3 T&M Corporate Consulting Projec TEMG 4950 3-5 4 4 Required credits for Additional Requirements **University CORE** U CORE - Others 21 21 CORE C1 & C2 U CORE - English Language 6 3 6 ehavioral Foundations of University Education: Habits, Mindsets, and Wellnes CORE 1905 3 3 3 Sub-total for University CORE 30 30 15 17 19 19 176##

## Notes

() 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

<< Declaration of << Declaration of BEng major BBA major

\*\*Remarks on course(s):