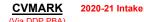
## The Hong Kong University of Science and Technology Interdisciplinary Programs Office



<< Declaration of BEng major BBA major ≺< µeclarat BBA major School of Engineering and School of Business Management Student's Pathway Dual Degree Program (BEng in Civil and Environmental Engineering and BBA in ogram Remarks BEng in Civil and Environmental Engineering Major Requirements **Engineering Fundamental Courses** Note: COMP 1021 OR COMP 1022P OR COMP 2011 Introduction to Computer Science Introduction to Computing with Java Programming with C++ This course will also be used to substitute ISOM 2010 3 1022P 2011 lote: CHEM 1010 OR CHEM 1020 3 General Chemistry IA General Chemistry IB CHEM Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020] 1012 1013 1014 1020 1023 1024 MATH MATH Calculus IB 3 Calculus II Accelerated Calculus Honors Calculus I Honors Calculus II MATH 2011 Introduction to Multivariable Calculus 3 3 Applied Linear Algebra and Differential Equations Note: PHYS 1112 OR PHYS 1312 Required credits for Engineering Fundamental Courses 22-26 24 Major Required Courses and Electives Discovering Civil and Environmental Engineering Academic Professional Development II 2020 Industrial and BIM Training 0 0\* 0 2120 Mechanics of Materials Modeling Systems with Uncertainties Infrastructure Systems Engineering and Management 3 Environmental Assessment and Management 3 Fluid Mechanics 3 3 3010 Academic Professional Development III 0 0 0 Note: CIVL3210 OR CIVL3610 3 3 3 Traffic and Transportation Engineering Reinforced Concrete Design 3 Hydrosystems Engineering Fundamentals of Geotechnics 3740 Geotechnical Analysis and Design 3 te: CIVL 4910 OR CIVL 4920 6 3 6 4910 Civil and Environmental Engineering Final Year Project 3 4920 Civil and Environmental Engineering Final Year Thesis Civil Engineering Capstone Design Project 3 Note: CIVL4450 OR CIVL 5450 OR CIVL5460
Carbon Footprint Analysis and Reduction
Hazardous Waste Treatment and Site Remediation 3 Landfill Engineering and Design Engineering Seminar Series 0 CIVL (Environmental) Electives [at least 1 course should be selected from the "Restricted Restricted electives: at least 1 course AND (CIVL: Any CIVL courses at 4000-level or above except those listed as "Restricted Electives" from the list OR SENG: Any 3000-level or above courses offered by the Engineering School or engineering departments other than CIVL) IVL/SENG Required credits for Major Requirements Courses and Electives **BBA** in Marketing School Requirements Principles of Accounting I Principles of Accounting II

Note: ECON 2103 OR ECON 2113

Principles of Microeconomics

Microeconomics Note: ECON 2123 OR ECON 3123 Macroeconomic Theory I ECON FINA 2303 Financial Management 3 3 Substituted by COMP ISOM 2010 Introduction to Information Systems 3 ------0 1021/1022P/2011 1 ISOM 2020 Coding for Business Substituted by CIVL 2160 Operations Management Marketing Management MGMT 2010 Business Ethics and the Individual 2 2 2 MARK 2120 is a major pre-requis Organizational Behavio usiness Ethics and Social Responsibility Substituted by ENGG 1010 Business Case Analyses Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra 1003 1012 1013 MATH MATH (3) 0 or MATH 1023 to satisfy the quirements of both BEng and BB/ ccelerated Calculus onors Calculus I degrees Required credits for School Requirements Major Requirements Major Required Courses and Electives Marketing Research 3420 Strategic Marketing 4 12 Required credits for Major Required Courses and Electives Additional Requirements Requirements for Dual Degree Program Required Required credits for Additional Requirements University CORE U CORE - Others C3 - C12 30 3

Courses offered in winter term ^ Courses offered in summer term

Notes

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

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

U CORE - English Language

e Declaration

Sub-total for University CORE