CVMGMT 2024-25 Intake

<< Declaration of
BEng major</pre>
<< Declaration of
BBA major</pre> School of Engineering and School of Business Management Student's Pathwa Oual Degree Program (BEng in Civil and Environmental Engineering and BBA in rogram: Remarks į į Course Code Offering Dept. Course Title / Courses List course code prefix) BEng in Civil and Environmental Engineering **Major Requirements Engineering Fundamental Courses** Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Students should take COMP1021 Introduction to Computer Science Introduction to Computing with Java Programming with C++ Honors Object-Oriented Programming and Data Structures COMP COMP which will also be used to substitute SOM 2010 and to waive ISOM 202 3 CHEM 1012 General Chemistry B: Atomic Structure, Molecules, and Bonding Theories Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND 3 3 (MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IA Calculus IB Calculus II 1012 1013 1014 1020 1023 Honors Calculus I lonors Calculus II ntroduction to Multivariable Calculus Applied Linear Algebra and Differential Equations

Note: PHYS 1112 OR PHYS 1312 MATH 2350 3 3 3 3 3 3 1112 PHYS eneral Physics I with Calculus Required credits for Engineering Fundamental Courses 19-24 21 Major Required Courses and Electives iscovering Civil and Environmental Engin 3 3 2010 Academic Professional Development II 0 0 Industrial and BIM Training 3 3 3 2120 Mechanics of Materials 3 3 This course will also be used to substitute ISOM 2500 3 2160 Modeling Systems with Uncertainties 3 Infrastructure Systems Engineering and Management 3 nvironmental Assessment and Management 3 3 2510 Fluid Mechanics 3 3 3 3 Academic Professional Development III 0 0 3020 Internship Training
Note: CIVL3210 OR CIVL3610 3 3 3 3210 Introduction to Construction Management Traffic and Transportation Engineering 3610 Structural Analysis 3320 Reinforced Concrete Design 3 3 Water and Wastewater Engineering 3 3 3730 Fundamentals of Geotechnics Geotechnical Analysis and Design Note: CIVL 4910 OR CIVL 4920 (Students taking the Research Option must take CIVL 4920)
Civil and Environmental Engineering Final Year Project
Civil and Environmental Engineering Final Year Thesis Civil Engineering Capstone Design Project 4950 3 3 3 ENGG 2010 Engineering Seminar Series 0 0 0 0 0 Note: CIVL4450 OR CIVL 5450 OR CIVL5460
Carbon Footprint Analysis and Reduction
Hazardous Waste Treatment and Site Remediation
Leadfill Engineering and Decimal 3 raizarous waste treatment and Site Remediation Landfill Engineering and Design CIVL (Environmental) Electives [2 courses from the specified e credits) should be selected from the "Restricted Electives"] 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 IVL/SENG Required credits for Major Requirements Courses and Electives **BBA** in Management School Requirements Principles of Accounting I Principles of Accounting II

Note: ECON 2103 OR ECON 2113 3 3 CON CON 2113 2123 3 3 acroeconomic Theory Financial Management Substituted by COMP МО troduction to Information Systems 2010 3 0 Substituted by COMP 1021/1022P/2011/2012H Waived for DDP students if they lave taken and passed COMP1021 or COMP 1029P Substituted by CIVL 2160 1 2020 oding for Business 0 Business Statistics SOM Introduction to Business Analytics 1 ISOM 2700 Operations Management 3 3 MGMT Business Ethics and the Individua 2 2 3 3 MGMT 2130 Business Ethics and Social Responsibility
Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 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 3-4 1003 1012 1013 1020 MATH Calculus and Linear Algebra Calculus IA Calculus IB Accelerated Calculus (3) Required credits for School Requirements Major Requirements Major Required Courses and Electives Note: MGMT 3110 OR MGMT 3120 (For students in the Consulting Option, they will use MGMT 3110 to fulfill the Option Requirements and should take MGMT 3120 to fulfill this equirement.) luman Resources Management anagerial Leadership te: MGMT 3130 OR MGMT 3140 (Students in the Consulting Option must take MGM 3140 to fulfill this requirement.)
Judgement and Decision Making in Organizations Students in the Consulting Option must take MGMT 3140 4 4 Vegotiation

Note: MGMT 4210 OR MGMT 4220 (Students in the Consulting Option or in the Corp
Social Responsibility and Sustainability Option must take MGMT 4210 to fulfill this **IGMT** 3-4 4210 4220 Students in the CSR Option must take MGMT 4210 Corporate Strategy **IGMT** Students in the Consulting Option are recommended to take MGMT 4220 and a new course in Simulating Strategy to fulfill the major elective AGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Courses taken as Option Required Courses may not be counted towards the elective equirement.) /GMT 3 Required credits for Major Required Courses and Electives 20-21 Additional Requirements Requirements for Dual Degree Program ΓEMG 1010 T&M Professional Activities 0 0 EMG 3950 T&M Case Analysis and Product Innovation EMG 3-5 Required credits for Additional Requirements **University CORE** U CORE - Others 21 21 C1 & C2 U CORE - English Language 1905 Behavioral Foundations of University Education: Habits, Mindsets, and Wellnes Sub-total for University CORE 30 17 21 18 20 19 14 17 13 

( ) 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

\*Remarks on course(s)

>> 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.