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CVMGMT 2022-23 Intake

BEng major BBA major School of Engineering and School of Business Management Oual Degree Program (BEng in Civil and Environmental Engineering and BBA in Remarks Course Title / Courses List BEng in Civil and Environmental Engineering Major Requirements Introduction to Computer Science Introduction to Computing with Java Programming with C++ Honors Object-Oriented Programmin Students should take COMP1021 which will also be used to substitute SOM 2010 and to waive ISOM 2020 CHEM 1020 General Chemistry I 3 3 3 echnical Communication I lote: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND NOIE: [(MATH 1012 OR MATH 1013 OR MATH 1 (MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IA Calculus IB 1012 1013 1014 6 Calculus II 1020 ccelerated Calculus onors Calculus I 023 MATH 2011 Introduction to Multivariable Calculus 3 3 3 3 3 onors General Physics I Required credits for Engineering Fundamental Courses Major Required Courses and Elective Academic Professional Development I 1100 scovering Civil and Environmental Engine Academic Professional Development II 0 0 dustrial and BIM Training 2110 3 Mechanics of Materials 2120 3 3 Modeling Systems with Uncertainties 3 CIVL 2170 Infrastructure Systems Engineering and Management 3 3 Fluid Mechanics 3 3 3 3 Construction Materials Academic Professional Development III 0 CIVL 3020 Internship Training
Note: CIVL3210 OR CIVL3610 0 0^ 3 3 3 3210 CIVL ntroduction to Construction Management CIVL 3610 Fraffic and Transportation Engineering 3 Reinforced Concrete Design 3420 Water and Wastewater Engineering Hydrosystems Engineering 3 Geotechnical Analysis and Design Note: CIVL 4910 OR CIVL 4920 (S 6 6 3 3 6 4910 Civil and Environmental Engineering Final Year Project Civil and Environmental Engineering Final Year Thesis Civil Engineering Capstone Design Project 3 Technical Communication II for Civil and Environmental Enginee Note: CIVL4450 OR CIVL 5450 OR CIVL5460 Note: CIVL4450 OR CIVL 5450 UK CIVL5460 Carbon Footprint Analysis and Reduction Hazardous Waste Treatment and Site Remediation 3 Hazardous wasse transmission.

Landfill Engineering and Design

CIVL (Environmental) Electives [2 courses from the specified elective list. At least 1 course ( redits) should be selected from the "Restricted Electives"] CIVL/SENG SENG: Any 3000-level or above courses offered by the Engineering School or engineering departments other than CIVI )
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

Principles of Microeconomics 3 3 3 CON 103 Microeconomics Note: ECON 2123 OR ECON 3123 3 3 3 ECON Macroeconomic Theory I FINA 2303 Financial Management 3 3 SOM ntroduction to Information Systems 3 0 2010 1021/1022P/2011/2012H Waived for DDP students if they have taken and passed COMP1021 or COMP 1029P 1 0 Business Statistics Substituted by CIVL 21 ISOM Introduction to Business Analytics 1 ISOM 2700 Operations Management 3 3 Marketing Management MGMT Business Ethics and the Individual MGMT 2110 Organizational Behavior 3 3 3 MGMT 2110 is a major pre-requisite MGMT Business Ethics and Social Respo 2 LABU 2040 Business Case Analyses 3 Waived for DDP students DDP students should take MATH 012 or MATH 1013 or MATH 1020 (3) 0 or MATH 1023 to satisfy the uirements of both BEng and BBA ccelerated Calculus onors Calculus I Required credits for School Requirements 43-44 Major Requirements 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 4 lanagerial Leadership ofe: MGMT 3130 OR MGMT 3140 (Students in the Consulting Op 3140 to fulfill this requirement.)
Judgement and Decision Making in Organizations 4 4 MGMT Negotiation
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 MGMT 3140 3-4 3 MGMT 3000-level or above Electives (Any 3 courses of the subject and level as specified. Required credits for Major Required Courses and Electives Additional Requirements Requirements for Dual Degree Program 1010 T&M Professional Activities TEMG 3950 T&M Case Analysis and Product Innovation TEMG 4950 T&M Corporate Consulting Project 3-5 Required credits for Additional Requirements University CORE C3 - C9 U CORE - English Language CORE C1 & C2 6 Behavioral Foundations of University Education: Habits, Mindsets, and Wellness CORE 1905 3 0 3 3 Sub-total for University CORE 30 30 176##

Notes

information on course offering and scheduling, students should check it out from respective School and Department

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BBA major

BEng major

<sup>( )</sup> indicates the reuse of the same course to fulfill more than one requirement.

<sup>\*</sup> Courses offered in winter term ^ Courses offered in summer term

<sup>---</sup> denotes the course/requirement is either waived or substituted ## 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