CVGBUS 2022-23 Intake

An Example on Student's Pathway (as of July 22, 2022)

School of Engineering and School of Business Management

BEng major BBA major

Student's Pathway Dual Degree Program (BEng in Civil and Environmental Engineering and BBA in Year 3 Fall Remarks 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 COMP2012F Students should take COMP1021 which will also be used to substitute ISOM 2010 and to waive ISOM 2020 Note: COMPTIQ2T OR COMPTIQ2P OR COMPZUTTOR (
Introduction to Computer Science
Introduction to Computing with Java
Programming with C++

Honors Object-Oriented Programming and Data Structures. neral Chemistry I LANG 2030 Technical Communication I Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND Waived for DDP students (MATH 1014 OR MATH 1024)] OR [MATH 1020] Calculus IA MATH 1012 MATH 1013 Calculus IB Calculus II 3 MATH 1014 MATH 1020 Accelerated Calculus матн 1023 Honors Calculus I MATH Honors Calculus II Introduction to Multivariable Calculus Applied Linear Algebra and Differential Equations Note: PHYS 1112 OR PHYS 1312 3 3 PHYS 1112 General Physics I with Calculus PHYS Honors General Physics I Required credits for Engineering Fundamental Courses 22-27 21 Major Required Courses and Electives 1100 Discovering Civil and Environmental Engineering 3 2010 Academic Professional Development II 0 0 Industrial and BIM Training 2110 Mechanics of Materials CIVL 2120 3 2170 Infrastructure Systems Engineering and Management 3 3 CIVL 2410 Environmental Assessment and Management 3 2810 Construction Materials 3 3 CIVL 3010 Academic Professional Development III 0 0 3020 Internship Training Note: CIVL3210 OR CIVL3610 0 3 3210 3 3 CIVL troduction to Construction Management 3610 Traffic and Transportation Engineering 3 Reinforced Concrete Design 3420 Water and Wastewater Engineering Hydrosystems Engineering 3 Fundamentals of Geotechnics Geotechnical Analysis and Design
Note: CIVL 4910 OR CIVL 4920 (Students taking the Research Option must take CIVI
4920)
Civil and Environmental Engineering Final Year Project 3740 CIVL 4920 Civil and Environmental Engineering Final Year Thesis CIVL 4950 Civil Engineering Capstone Design Project 3 3 3 ENGG 2010 Engineering Seminar Series 0 0 0 0 0 0 LANG 4033 Technical Communication II for Civil and Environmental Engineering 3 3 3 Note: CIVL4450 OR CIVL 5450 OR CIVL5460 Carbon Footprint Analysis and Reduction Hazardous Waste Treatment and Site Remediation 4450 5450 3 Landfill Engineering and Design
CIVL (Environmental) Electives [2 courses from the specified elective list. A
course (3 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 CIVL/SENG lengineering departments other than CIVL)
Required credits for Major Requirements Courses and Electives **BBA in Global Business** School Requirements Principles of Accounting I Principles of Accounting II Note: ECON 2103 OR ECON 2113 3 2103 3 ECON rinciples of Microeconomics 3 Microeconomics
Note: ECON 2123 OR ECON 3123 2123 3 3 3 CON ECON 3123 Macroeconomic Theory I 2303 Financial Management 3 Substituted by COMP SOM 2010 Introduction to Information Systems 3 0 1 2020 0 SOM Coding for Business ave taken and passed COMP102 or COMP 1029P ISOM 2500 Business Statistics 3 0 Substituted by CIVL 2160 ISOM 2600 Introduction to Business Analytics 1 1 Operations Managemen MARK 2120 Marketing Management MGMT 2010 Business Ethics and the Individual Business Ethics and Social Responsibility MGMT 2130 2 Waived for DDP students LABU 2040 Business Case Analyses 3 0 Effective Communication in Business
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) Required credits for School Requirements **Major Requirements** Major Required Courses and Electives Global Leadership Development GBUS 2010 Global Business Analysis GBUS 2020 Public Service Project [1] 3-4 GBUS/ISOM Note: GBUS 3030 OR ISOM2040 3030 4 3 [3] 2040 SOM Business Simulation and Strategic Decisions GBUS 4910 4 [4] 4 Global Business Electives (Courses from the specified elective list, of which at least 6 edits from each area and at least 2 courses must be offered by to fulfill requirements of an additional major in SBM may not be counted towards this Required credits for Major Required Courses and Electives 25-28 Additional Requirements Requirements for Dual Degree Program Required Cours TEMG 1010 T&M Professional Activities 0 0 TEMG 3950 T&M Case Analysis and Product Innovation Required credits for Additional Requirements 7 7 University CORE U CORE - Others 21 U CORE - English Language CORE C1 & C2 6 Behavioral Foundations of University Education: Habits, Mindsets, and Wellness Sub-total for University CORE 30 16 19 16 20 19 << Declaration of BEng major BBA major Notes

*Remarks on course(s)

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

^{*} Courses offered in winter term

⁻⁻⁻ denotes the course/requirement is either waived or substituted ## To graduate, students should complete all requirements as specified for DDP