Student's Pathway

CVECON 2022-23 Intake

School of Engineering and School of Business Management

School:

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

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

Dual Degree Program (BEng in Civil and Environmental Engineering and BBA in Economics) Year 3 Fall Remarks Course Title / Courses List Offering Dept Course Code ourse code prefix) BEng in Civil and Environmental Engineering Major Requirements Engineering Fundamental Courses Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H Introduction to Computier Science Introduction to Computing with Java Programming with C++ Students should take COMP1021 hich will also be used to substitut ISOM 2010 and to waive ISOM onors Object-Oriented Programming and Data Structures COMP 2012F CHEM 1020 General Chemistry I 3 3 General Chemissy I
Technical Communication I
Note: [MATH 1012 OR MATH 1013 OR MATH 1023) AND
(MATH 1014 OR MATH 1024)] OR [MATH 1020]
Calculus IA
Calculus IB
Calculus IB
Accelerated Calculus
Honors Calculus I Waived for DDP students 1023 Honors Calculus I onors Calculus II MATH Introduction to Multivariable Calculus 3 1112 3 3 3 General Physics I with Calculus PHYS onors General Physics I Required credits for Engineering Fundamental Courses 22-27 21 Major Required Courses and Electives 1100 Discovering Civil and Environmental Engine CIVL 2010 Academic Professional Development II 0 0 0 0 Industrial and BIM Training 2110 Statics CIVL 2120 Mechanics of Materials 3 3 2160 CIVL Modeling Systems with Uncertainties 3 3 Infrastructure Systems Engineering and Manage 2410 Environmental Assessment and Management 3 3 2510 Fluid Mechanics 3 2810 Construction Materials Academic Professional Development III 3020 0 0^ 0 Note: CIVI 3210 OR CIVI 3610 3 Introduction to Construction Management
Traffic and Transportation Engineering 3210 3 Structural Analysis 3320 Reinforced Concrete Design 3420 Water and Wastewater Engineering 3 3 3 CIVL 3510 Hydrosystems Engineering 3 3 Geotechnical Analysis and Design 3740 ote: CIVL 4910 OR CIVL 4920 (Students taking the Note: CIVL 4910 On Sungary 4920)
Civil and Environmental Engineering Final Year Project

Towinnmental Engineering Final Year Thesis CIVL 4920 CIVL 4950 Civil Engineering Capstone Design Project 3 3 3 ENGG 2010 Engineering Seminar Series 0 0 0 Technical Communication II for Civil and Environmental Engineering
Note: CIVL4450 OR CIVL 5450 OR CIVL5460
Carbon Footprint Analysis and Reduction
Hazardous Waste Treatment and Site Remediation 4033 3 3 Landfill Engineering and Design CIVL (Environmental) Electives [2 courses from the specified elective list. At least 1 ourse (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 6 3 Required credits for Major Requirements Courses and Electives **BBA** in Economics School Requirements Principles of Accounting I ACCT 2200 Principles of Accounting II Note: ECON 2103 OR ECON 2113 103 3 ECON 2103 / 2113 / 2123 is a Microeconomics Note: ECON 2123 OR ECON 3123 2123 3 3 3 ECON Macroeconomic Theory Financial Management Substituted by COMP Introduction to Information Systems 2010 0 1021/1022P/2011/2012H Waived for DDP students if they ave taken and passed COMP102 or COMP 1029P 2020 Coding for Business ISOM 2500 Business Statistics Substituted by CIVL 2160 3 0 Introduction to Business Analytics SOM 2700 Operations Management 3 3 MARK 2120 Marketing Management 3 Business Ethics and the Individual MGMT Organizational Behavior MGMT 2130 Business Ethics and Social Responsibility Waived for DDP students LABU 2040 Business Case Analyses 3 0 2060 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) Honors Calculus | Required credits for School Requirements 43-44 Major Requirements Major Required Courses and Electives Managerial Microeconomics ECON 3014 4 Managerial Macroeconomics ECON 3024 4 ECON 3334 Introduction to Econometrics 4 4 Economics Research and Communication ECON 4670 0 ECON 4000-level Electives (Any 3 courses of the subject and level as specified) 11 ECON 4 11 Required credits for Major Required **Additional Requirements** Requirements for Dual Degree Program Required Courses T&M Professional Activities T&M Case Analysis and Product Innovation TEMG 3950 3 3 3 TEMG 4950 T&M Corporate Consulting Project 3-5 Required credits for Additional Requirements **University CORE** U CORE - Others C3 - C9 21 21 CORE C1 & C2 U CORE - English Language 6 3 6 Behavioral Foundations of University Education: Habits, Mindsets, and Wellness CORE 1905 Sub-total for University CORE 15 18 20 19 20 19 16 18 16 179## << Declaration of | << Declaration of Notes BEng major BBA major

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

- * Courses offered in winter term
- ^ Courses offered in summer term
- ## To graduate, students should complete all requirements as specified for DDP.

>> 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.