**DAFINA** 

2020-21 Intake

An Example on Student's Pathway (as of Sep 30, 2022)

School of Engineering and School of Business Management ual Degree Program (BEng in Decision Analytics and BBA in Finance) rogran ourse Code Course Title / Courses List **BEng in Decision Analytics** 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++ 1010 0 0 0 Note: CHEM1010 OR CHEM1020 OR PHYS1112 OR PHYS1312 HEM 3 PHYS Honors General Physics I Technical Communication I Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND 4-7 (MATH 1014 OR MATH 1024)] OR [MATH 1020] (MATH 1014 OR MAT Calculus IA Calculus IB Calculus II Accelerated Calculus Honors Calculus I Honors Calculus II MATH MATH MATH 2011 Introduction to Multivariable Calculus 3 3 3 MATH Matrix Algebra and Applications ngineering Introduction course (If the students take an introduction course included in their major, this (3) 0 ourse can be counted towards their major requ Required credits for Engineering Fundamental Courses 22-27 21 Major Required Courses and Electives Academic and Professional Development I Academic and Professional Development II Industrial Training and Experience Probaility for Engineers 540 3 0 Substituted by ISOM2500 Statistics for Engineers Prescriptive Analytics 3230 Engineering Economics and Accounting 3 3 3250 Stochastic Models 3 3 Industrial Data Systems 3300 3 3 Jote: IEDA4901 OR IEDA4920 Final Year Thesis Decision Analytics Final Year Projec Engineering Seminar Series ote: ECON2103 OR ECON2113 3 103 113 3 Technical Communication II for IEDA and ISDN ANG 3 Area Electives (5 courses from the specified elective list, of which all 5 courses should be taken from the EDA 15 3 3 3 15 Required credits for Major Required Courses and Electives **BBA** in Finance **School Requirements** nciples of Accounting I Principles of Accounting II ote: ECON 2103 OR ECON 2113 CON (3) 0 te: ECON 2123 OR ECON 3123 3 lacroeconomics lacroeconomic Theory I 303 Financial Management 3 3 3 requisite Substituted by COMP 010 ntroduction to Information Systems 3 0 1 0 SOM 020 Coding for Business SOM 3 3 3 Introduction to Business Analytics Operations Management 3 Marketing Management 3 IGMT Business Ethics and the Individua идмт 3 3 111 0 0 Waived for DDP students Business Student Induction 040 3 ABU Business Case Analyses 3 3 Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra both BEng and BBA degrees, DDP students should NOT take MATH 1003. 012 013 (3) Calculus IB lonors Calculus I Required credits for School Requirements 43-44 35 **Major Requirements** Major Required Courses and Electives 103 Intermediate Investments 3203 3 3 3303 Intermediate Corporate Finance 3 comberg Market Concepts Certification 0 other (ACCT 3010 AND ACCT 3020) OR ACCT 3030 nancial Accounting I nancial Accounting II termediate Financial Accounting for Non-Accounting If DDP students took COMP Note: ISOM 3230 OR ISOM 3400 Business Applications Programming
Python Programming for Business Analytics SOM SOM 3230 3400 3 3 FINA 3000-level or above Electives (Any 3 courses of the subject and level as specified) Required credits for Major Required Courses and Electives 25 Additional Requirements Requirements for Dual Degree Program Required Courses TEMG 1010 Technology and Management Professional Activities Case-based Problem Solving 3 Required credits for Additional Requirements **University CORE** CORE C3 - C12 U CORE - Others 30 30 U CORE - English Language C1 & C2 6 Sub-total for University CORE 18 19 Notes: major

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

--- denotes the course/requirement is either waived or substitued

## To graduate, students should complete all requirements specified for DDP. \*\*Remarks on course(s):