An Example on Student's Pathway (as of April 1, 2025)

MEECON 2025-26 Intake

161

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<< Declaration of BBA major of BEng major School of Engineering and School of Business Management Student's Pathway Dual Degree Program (BEng in Mechanical Engineering and BBA in Economics) Program Sub-total Remarks Offering Dept ourse Code Course Title / Courses List BEng in Mechanical Engineering Engineering Fundamental Courses Students should take COMP 1023, COMP 2011 or COMP 2012H which will also be used to substitute ISOM 2010 and to waive ISOM 2020 stroduction to Python Programming rogramming with C++ lonors Object-Oriented Programming and lote: [(MATH 1013 OR MATH1023) AND MATH 1014 OR MATH 1024)] OR [MATH 1020] 4-7 DDP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees onors Calculus I onors Calculus II 3 ntroduction to Multivariable Calculus lote: MATH2111 OR MATH2350 OR MATH2351 3 3 MATH Matrix Algebra and Applications Applied Linear Algebra and Differential Equations MATH ntroduction to Differential Equations lote: PHYS1112 OR PHYS1312 3 3 1112 General Physics I with Calculus Honors General Physics I Science 1000-level course (1 course of the specificied course list) troductory Chemistry eneral Chemistry B: Atomic Structure, Molecules, and Bonding Theories eneral Biology I Required Credits for Engineering Fundamental Courses 19-25 Major Required Courses and Electives 1001 Academic and Professional Development I 0 0 0 0 1910 Foundations of Mechanical and Aerospace Engineering 3 3 3 Industrial Training 0* 0^ 0 0 месн 2002 Academic and Professional Development II 0 иЕСН 2020 Statics and Dynamics 3 3 MECH 2040 Solid Mechanics I 3 3 3 MECH 2210 Fluid Mechanics 3 2310 Thermodynamics 3 3 2410 MECH Engineering Materials I 3 3 Design and Manufacturing I Mechanisms of Machinery Note: MECH3300 OR MECH3420 0 OR MECH3710 nergy Conversion Ingineering Materials II Manufacturing Processes and Syste Heat Transfer Control Principles 3 3 3 lectrical Technology 3830 echatronic Design and Prototyping 2420 BEng in Mechanical Engineering Major Requirements **BBA** in Economics School Requirements Principles of Accounting I Principles of Accounting II
Note: ECON 2103 OR ECON 2113 3 ECON Principles of Microeconomics 2103 ECON 2113 CON 2103 / 2113 / 2123 is a major pre-requisite licroeconomics ote: ECON 2123 OR ECON 3123 3 Financial Management COMP 1023, COMP 2011 and COMP 2012H are more advanced computing courses as compared to ISOM 2010. Students SHOULD take COMP1023 or COMP2011 or COMP2012H 0 SOM 2010 troduction to Information Systems 3 instead of ISOM 2010.

ISOM 2020 is waived for DDP students who have taken and passed COMP 1023, COMP 2011 and COMP 2012H. SOM 2020 oding for Business 0 These two COMP courses are similar or more advanced coding (Python) courses as ISOM 2020 ISOM 2500 Business Statistics 3 3 troduction to Business Analytics Marketing Management MGM1 usiness Ethics and the Individual Organizational Behavior MGMT 2130 usiness Ethics and Social Responsibility ote: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra DDP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees (3) 1013 Calculus IB ccelerated Calculus Required Credits for School Requirements 39-40 Major Required Courses and Electives 3014 Managerial Microeconomics ECON 3024 Managerial Macroeconomics 4 ECON 3334 Introduction to Econometrics 4 4 11 ECON 4000-level Electives (Any 3 courses of the subject and level as specified) 11 Required Credits for Major Required Courses and Electives 23 23 Additional Requirement for Dual Degree Requirements for Dual Degree Program TEMG 1012 T&M Professional Activities II TEMG 1013 T&M Professional Activities III TEMG 1014 T&M Professional Activities IV To graduate, students should complete ALL requirements as specified for DDP TEMG 1015 T&M Professional Activities V TEMG T&M Case Analysis and Product Innovation 3 3950 3 **University Common Core Requirements** U CORE - Others C3 - C9 CORE C1 & C2 U CORE - English Language 6 HMAW 1905 Behavioral Foundations of University Education: Habits, Mindsets, and Wellne

() 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

Remarks on course(s):

Sub-total for University CORE

[^] Courses offered in summer term

>> 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.