

School:		School of Engineering and School of Business Management		[1] Selection of BEng major		[4] Declaration of BEng major		[1] Selection of BBA major		Student's Pathway										Remarks	
Program:		Dual Degree Program (BEng in Decision Analytics and BBA in Global Business)																			
Course Offering Dept. (course code prefix)	Course Code	Course Title / Courses List		Credits	Year 1 Fall	Year 1 Spring	Year 2 Fall	Year 2 Spring	Year 3 Fall	Year 3 Spring	Year 4 Fall	Year 4 Spring	Year 5 Fall	Year 5 Spring	Subtotal						
BEng in Decision Analytics																					
Engineering Fundamental Courses																					
COMP 1023	1023	Now: COMP1023 OR COMP2011 OR COMP2012H		3-5											3	Students should take COMP 1023, COMP 2011 or COMP 2012H which will also be used to substitute ISOM 2010 and to waive ISOM 2020					
COMP 2011	2011	Introduction to Python Programming		3		3															
COMP 2024H	2024H	Programming with C++		4																	
		Honors Object-Oriented Programming and Data Structures		5																	
CHEM 1012	1012	Now: CHEM1012 OR PHYS1112 OR PHYS1312		3																	
PHYS 1112	1112	General Chemistry B: Atomic Structure, Molecules, and Bonding Theories		3		3									3						
PHYS 1312	1312	General Physics I with Calculus		3																	
		Honors General Physics I		3																	
MATH 1013	1013	Now: (MATH 1013 OR MATH 1020) AND (MATH 1014 OR MATH 1024) OR (MATH 1020)		4-6																	
MATH 1014	1014	Calculus I		3																	
MATH 1020	1020	Accelerated Calculus		3	3	3									6						
MATH 1023	1023	Honors Calculus I		3																	
MATH 1024	1024	Honors Calculus II		3																	
MATH 2011	2011	Introduction to Multivariable Calculus		3			3								3						
MATH 2111	2111	Matrix Algebra and Applications		3			3								3						
Required Credits for Engineering Fundamental Courses				10-20	6	6	3	3	0	0	0	0	0	0	16						
Major Required Courses and Electives																					
EDIA 1010	1010	Academic and Professional Development I		0			0	0							0						
EDIA 1020	1020	Academic and Professional Development II		0				0	0						0						
EDIA 1030	1030	Industrial Training and Experience		0											0						
EDIA 2010	2010	Introduction of Industrial Engineering and Decision Analytics		3			3								3						
EDIA 2520	2520	Probability for Engineers		3			3								3						
EDIA 2540	2540	Statistics for Engineers		3			3								3						
This course will also be used to substitute ISOM2040																					
EDIA 3010	3010	Prescriptive Analytics		3				3							3						
EDIA 3230	3230	Engineering Economics and Accounting		3			3								3						
EDIA 3550	3550	Stochastic Models		3				3							3						
EDIA 3560	3560	Industrial Data Systems		3			3								3						
EDIA 3560	3560	Predictive Analytics		3				3							3						
EDIA 4001	4001	Now: EDIA4001 OR EDIA4020		6																	
EDIA 4020	4020	Final Year Thesis Decision Analytics Final Year Project		6									3	3	6						
ECON 2103	2103	Now: ECON2103 OR ECON2113		3																	
ECON 2113	2113	Principles of Microeconomics		3				3							3						
ECON 2113	2113	Microeconomics		3																	
EDIA400M		Area Electives (5 courses from the specified elective list, of which all 5 courses should be taken from the same area)		15					3	6	3	3	3		15						
BEng in Decision Analytics Major Requirements				48	0	0	12	3	9	6	6	9	6	9	48						
BBA in Global Business																					
School Requirements																					
ACCT 2010	2010	Principles of Accounting I		3	3										3						
ACCT 2200	2200	Principles of Accounting II		3		3									3						
ECON 2103	2103	Now: ECON 2103 OR ECON 2113		3																	
ECON 2113	2113	Principles of Microeconomics		3			(2)								0						
ECON 2113	2113	Microeconomics		3																	
ECON 2123	2123	Now: ECON 2123 OR ECON 3123		3																	
ECON 3123	3123	Macroeconomics		3				3							3						
ECON 3123	3123	Macroeconomics Theory I		3																	
FINA 2503	2503	Financial Management		3			3								3						
ISOM 2010	2010	Introduction to Information Systems		3	-	-	-	-	-	-	-	-	-	-	0						
ISOM 2020	2020	Coding for Business		1	-	-	-	-	-	-	-	-	-	-	0						
ISOM 2500	2500	Business Statistics		3	-	-	-	-	-	-	-	-	-	-	0						
ISOM 2600	2600	Introduction to Business Analytics		1											1						
ISOM 2700	2700	Operations Management		3								3	3		3						
MARK 2120	2120	Marketing Management		3			3								3						
MGMT 2010	2010	Business Ethics and the Individual		2				2							2						
MGMT 2110	2110	Organizational Behavior		3			3								3						
MGMT 2130	2130	Business Ethics and Social Responsibility		2						2					2						
MATH 1003	1003	Now: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023		3-4																	
MATH 1013	1013	Calculus and Linear Algebra		3																	
MATH 1020	1020	Accelerated Calculus		4			(3)								0						
MATH 1023	1023	Honors Calculus I		3																	
Required Credits for School Requirements				36-40	3	3	0	0	2	3	2	3	0	1	26						
Major Required Courses and Electives																					
GBUS 1000	1000	Global Leadership Development		0					0	0	0	0	0	0	0						
GBUS 2010	2010	Global Business Analytics		3					3						3						
GBUS2040	2040	Now: GBUS 2040 OR SBMET 2100-2110		1-4																	
GBUS SBMET	2100-2110	Environmental, Social, and Governance (ESG) Corporate Project		1																	
		Community Services Project		1					1	[1]					1						
GBUS2050M	2050M	Now: GBUS 3030 OR ISOM 4160		3-4																	
GBUS 3030	3030	Global Business Case Studies		4																	
ISOM 4160	4160	Integrated Planning and Execution		3								3	[5]		3						
GBUS 4910	4910	Capstone Project		4									4	[6]	4						
GBUS 4910	4910	Global Business Electives (Courses from the specified elective list, of which at least 6 credits from each area and at least 2 courses must be offered by GBUS. Courses taken to fulfill requirements of an additional major in BBA may not be counted towards this elective requirement.)		15								6	3	6	15						
Required Credits for Major Required Courses and Electives				20-30	0	0	0	0	0	4	3	6	7	6	26						
Additional Requirement for Dual Degree Requirements for Dual Degree Program																					
TEMS 1011	1011	TEMS Professional Activities I		0	0	0	0								0						
TEMS 1012	1012	TEMS Professional Activities II		0			0	0							0						
TEMS 1013	1013	TEMS Professional Activities III		0				0	0	0					0						
TEMS 1014	1014	TEMS Professional Activities IV		0					0	0	0										
TEMS 1015	1015	TEMS Professional Activities V		0								0	0	0							
TEMS 1016	1016	TEMS Case Analysis and Product Innovation		3		3									3						
TEMS 4000	4000	TEMS Corporate Consulting Project		3-6				4							4						
Required Credits for Additional Requirements				7	0	3	0	0	4	0	0	0	0	0	7						
University Common Core Requirement																					
CORE C1 & C2		[1] CORE - Others		21					3	6	3	3	6		21						
CORE C1 & C2		[1] CORE - English Language		6	3	3									6						
HAWS 1005	1005	Behavioral Foundations of University Education: Habits, Mindsets, and Wellbeing		3	1	2									3						
Sub-total for University CORE				30	4	5	0	0	0	3	6	3	3	6	30						
Term load (just free credits)																					
155#																					
156																					

Notes:
[1] Indicates the reuse of the same course to fulfill more than one requirement.
* Courses offered in winter term
Courses offered in summer 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))

— 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.