

				« Declaration of BEng major		« Declaration of BBA major													
School:		School of Engineering and School of Business Management		Student's Pathway															
Program:		Dual Degree Program (BEng in Aerospace Engineering 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	Sub-total	Remarks				
BEng in Aerospace Engineering																			
Engineering Fundamental Courses																			
COMP	1023	Note: COMP1023 OR COMP2011 OR COMP2012H Introduction to Python Programming Programming with C++ Homework-Oriented Programming and Data Structures	3 4 5	3										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				
MATH	1013	Note: (MATH 1013 OR MATH1023) AND (MATH 1014 OR MATH 1024) OR (MATH 1020)	4.7																
MATH	1014	Calculus I	3	3	3									6	DDP students should take MATH 1013 or MATH 1020 or MATH 1023 to satisfy the requirements of both BEng and BBA degrees				
MATH	1020	Accelerated Calculus I	3																
MATH	1023	Honors Calculus I	3																
MATH	1024	Honors Calculus II	3																
MATH	2011	Introduction to Multivariable Calculus	3			3								3					
MATH	2350	Note: MATH2111 OR MATH2350 OR MATH2351 Matrix Algebra and Applications	3				3							3					
MATH	2351	Applied Linear Algebra and Differential Equations Introduction to Differential Equations	3 3																
PHYS	1112	Note: PHYS1112 OR PHYS1312 General Physics I with Calculus Honors General Physics I	3 3		3									3					
PHYS	1312		3																
CHEM	1008	Science 1000-level course (1 course of the specified course list)	3.4																
CHEM	1901	Introductory Chemistry General Chemistry B: Atomic Structure, Molecules, and Bonding Theories	3		(3)									0					
PHYS	1101	General Biology I Introductory Physics	3 4																
Required Credits for Engineering Fundamental Courses			19-25	6	6	3	3	0	0	0	0	0	0	18					
Major Required Courses and Electives																			
MECH	1001	Academic and Professional Development I	0	0	0	0	0							0					
MECH	1010	Foundations of Mechanical and Aerospace Engineering	3	3										3					
MECH	1999	Industrial Training (0" GP)	0											0					
MECH	2002	Academic and Professional Development II	0					0	0	0	0	0	0	0					
MECH	2007	Aerospace Engineering: Principles and Systems	3			3								3					
MECH	2020	Statics and Dynamics	3			3								3					
MECH	2040	Rigid Mechanics I	3			3								3					
MECH	2210	Fluid Mechanics	3			3								3					
MECH	2310	Thermodynamics	3			3								3					
MECH	3400	Introduction to Composite Materials	3				3							3					
MECH	3610	Control Principles	3				3							3					
MECH	3620	Aircraft Design	3				3		3					3					
MECH	3640	Aerodynamics	3				3							3					
MECH	3650	Aircraft Structural Analysis	3				3							3					
MECH	3660	Gas Turbines and Jet Propulsion	3				3							3					
MECH	3670	Aircraft Performance and Stability	3				3							3					
MECH	3680	Avionics Systems	3				3		3					3					
MECH	3890	Aerospace Engineering Laboratory	3				3							3					
MECH	4950	Final Year Aerospace Design Project	6								3	3	6						
ELEC	2420	Basic Electronics	3			3								3					
MECH		A/E Electives (4 courses from the classified elective list)	6							3	3			6					
BEng in Aerospace Engineering Major Requirements			60	3	0	12	6	15	12	3	3	3	3	60					
BBA in Global Business																			
School Requirements																			
ACCT	2010	Principles of Accounting I	3	3										3					
ACCT	2200	Principles of Accounting II	3						3					3					
ECOE	2103	Note: ECOE 2103 OR ECOE 2113 Principles of Microeconomics	3		3									3					
ECOE	2113		3																
ECOE	2123	Note: ECOE 2123 OR ECOE 2123 Macroeconomics	3							3				3					
ECOE	2103	Macroeconomic Theory I	3																
FINA	2303	Financial Management	3			3								3					
ISOM	2010	Introduction to Information Systems	3	-	-	-	-	-	-	-	-	-	-	0	COMP 1023, COMP 2011 or COMP 2012H are more advanced computing courses as compared to ISOM 2010. Students SHOULD take COMP 1023, COMP 2011 or COMP 2012H instead of ISOM 2010.				
ISOM	2020	Coding for Business	1	-	-	-	-	-	-	-	-	-	-	0	ISOM 2020 is waived for DDP students who have taken and passed COMP 1023, COMP 2011 or COMP 2012H. These COMP courses are similar or more advanced coding (Python) courses as ISOM 2020.				
ISOM	2500	Business Statistics	3	3	-	-	-	-	-	-	-	-	-	3					
ISOM	2600	Introduction to Business Analytics	1					1						1					
ISOM	2700	Operations Management	3									3		3					
MARK	2100	Marketing Management	3			3								3					
MGMT	2010	Business Ethics and the Individual	3						2					2					
MGMT	2110	Organizational Behavior	3			3								3					
MGMT	2130	Business Ethics and Social Responsibility	2								2			2					
MATH	1013	Note: MATH 1003 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra	3.4	3															
MATH	1013	Calculus IB	3		(3)														
MATH	1020	Accelerated Calculus	4																
MATH	1023	Honors Calculus I	3																
Required credits for School Requirements			39-40	6	3	3	6	1	3	2	3	2	3	32					
Major Required Courses and Electives																			
GBUS	1000	Global Leadership Development	0					0	0	0	0	0	0	0					
GBUS	2010	Global Business Analysis	3					3						3					
GBUS/ISOM	2040	Note: GBUS 2040 OR SMT 2100-2110 Environmental, Social, and Governance (ESG) Corporate Project	1.4					1	[1]					1					
SMT	2100-2110	Community Services Project	1																
GBUS/ISOM	3030	Note: GBUS 3030 OR ISOM 4780 Global Business Case Studies	3.4							3	[3]			3					
ISOM	4780	Integrated Planning and Execution	4																
GBUS	4910	Capstone Project	4								4	[4]		4					
GBUS		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 ISM may not be counted towards this elective requirement.)	15							6	3	6	15						
Required Credits for Major Required Courses and Electives			26-30	0	0	0	0	0	4	3	6	7	6	26					
Additional Requirement for Dual Degree																			
Requirements for Dual Degree Program																			
TEMG	1011	T&M Professional Activities I	0	0	0	0								0					
TEMG	1012	T&M Professional Activities II	0			0	0							0					
TEMG	1013	T&M Professional Activities III	0					0	0					0					
TEMG	1014	T&M Professional Activities IV	0						0	0				0					
TEMG	1015	T&M Professional Activities V	0								0	0		0					
TEMG	3950	T&M Case Analysis and Product Innovation	3		3									3					
TEMG	4950	T&M Corporate Consulting Project	3-5							4				4					
Required Credits for Additional Requirements			7	0	3	0	0	0	0	4	0	0	0	7					
University Common Core Requirement																			
CORE	C1 - C9	U CORE - Others	21				3				6	6	3	3	21				
CORE	C1 & C2	U CORE - English Language	6	3	3									6					
HAWS	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	1	2									3					
Sub-total for University CORE			30	4	5	0	3	0	0	0	6	6	0	3	30				
Term load (total, full-time credits)																			
19 17 18 19 16 10 18 18 15 15 178																			
173##																			

Notes:
() 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 DDG.

*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.