

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

School:		School of Engineering and School of Business Management			Student's Pathway										Remarks	
Program:		Dual Degree Program (BEng in Aerospace Engineering and BBA in Global Business)			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
Course Offering Dept. (course code prefix)	Course Code	Course Title / Courses List	Credits													
BEng in Aerospace Engineering																
Major Requirements																
Engineering Fundamental Courses																
COMP	1021	Note: COMP1021 OR COMP1022P OR COMP2011 OR COMP2012H	3-5													
COMP	1022P	Introduction to Computer Science	3													
COMP	2011	Introduction to Computing with Java	3	3												
COMP	2012H	Programming with C++	4													
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5													
ENGG	1010	Academic Orientation	0	0	0											
LANG	2030	Technical Communication I	3	-	-	-	-	-	-	-	-	-	-	-	-	0
Note: [(MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)] OR [MATH 1020]																
MATH	1012	Calculus IA	4													
MATH	1013	Calculus IB	3	3	3											
MATH	1014	Calculus II	3													
MATH	1020	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	4													
MATH	1024	Honors Calculus II	3													
MATH	2011	Introduction to Multivariable Calculus	3			3										
Note: MATH2111 OR MATH2350 OR MATH2351																
MATH	2111	Matrix Algebra and Applications	3													
MATH	2350	Applied Linear Algebra and Differential Equations	3				3									
MATH	2351	Introduction to Differential Equations	3													
Note: PHYS1112 OR PHYS1312																
PHYS	1112	General Physics I with Calculus	3		3											
PHYS	1312	Honors General Physics I	3													
CHEMLIFS/PHYS		Science 1000-level course (Any 1 course of the subject and level as specified)	3		(3)											
Required credits for Engineering Fundamental Courses			22-26													18
Major Required Courses and Electives																
MECH	1907	Introduction to Aerospace Engineering	3				3									
MECH	1990	Industrial Training	0			0*	0*									
MECH	2020	Statics and Dynamics	3			3										
MECH	2040	Solid Mechanics I	3				3									
MECH	2210	Fluid Mechanics	3				3									
MECH	2310	Thermodynamics	3			3										
MECH	2410	Engineering Materials I	3						3							
MECH	3400	Introduction to Composite Materials	3							3						
MECH	3610	Control Principles	3					3								
MECH	3620	Aircraft Design	3								3					
MECH	3640	Aerodynamics	3							3						
MECH	3650	Aircraft Structural Analysis	3							3						
MECH	3660	Gas Turbines and Jet Propulsion	3								3					
MECH	3670	Aircraft Performance and Stability	3								3					
MECH	3680	Avionics Systems	3							3						
MECH	3690	Aerospace Engineering Laboratory	3									3				
MECH	4980	Final Year Aerospace Design Project	6										3	3		6
ELEC	2420	Basic Electronics	3					3								
ENGG	2010	Engineering Seminar Series	0			0	0	0	0							
LANG	4034	Technical Communication II for Mechanical and Aerospace Engineering	3									3				
MECH		MECH Electives in Aerospace (2 courses from the specified elective list)	6										3	3		6
Required credits for Major Requirements Courses and Electives			63													63
BBA in Global Business																
School Requirements																
ACCT	2010	Principles of Accounting I	3	3												
ACCT	2200	Principles of Accounting II	3							3						
Note: ECON 2103 OR ECON 2113																
ECON	2103	Principles of Microeconomics	3		3											
ECON	2113	Microeconomics	3													
Note: ECON 2123 OR ECON 3123																
ECON	2123	Macroeconomics	3			3										
ECON	3123	Macroeconomic Theory I	3													
FINA	2303	Financial Management	3				3									
ISOM	2010	Introduction to Information Systems	3	-	-	-	-	-	-	-	-	-	-	-	-	0
ISOM	2020	Coding for Business	1	-	-	-	-	-	-	-	-	-	-	-	-	0
Substituted by COMP 1021/1022P/2011/2012H																
ISOM	2500	Business Statistics	3	3												
ISOM	2600	Introduction to Business Analytics	1						1							
ISOM	2700	Operations Management	3							3						
MARK	2120	Marketing Management	3				3									
MGMT	2010	Business Ethics and the Individual	2				2									
MGMT	2110	Organizational Behavior	3				3									
MGMT	2130	Business Ethics and Social Responsibility	2					2								
SBMT	1111	Business Student Induction	0	-	-	-	-	-	-	-	-	-	-	-	-	0
LABU	2040	Business Case Analyses	3	-	-	-	-	-	-	-	-	-	-	-	-	0
Waived for DDP students																
LABU	2060	Effective Communication in Business	3										3			
Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023																
MATH	1003	Calculus and Linear Algebra	3-4													
MATH	1012	Calculus IA	4													
MATH	1013	Calculus IB	3													
MATH	1020	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	3													
Required credits for School Requirements			45-46													35
Major Requirements																
Major Required Courses and Electives																
GBUS	1000	Global Leadership Development	0					0	0	0	0	0	0	0	0	0
GBUS	2010	Global Business Analysis	3						3							
GBUS	2020	Public Service Project	1						1	[1]						
Note: GBUS 3030 OR ISOM2040																
GBUS/ISOM	3030	Global Business Case Studies	3-4								4	[3]				
GBUS	2040	Business Simulation and Strategic Decisions	4													
GBUS	4910	Capstone Project	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 SBM may not be counted towards this elective requirement.)	15									6	3	6		15
Required credits for Major Required Courses and Electives			26-27													27
Additional Requirements																
Requirements for Dual Degree Program																
Required Courses																
TEMG	1010	T&M Professional Activities	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEMG	3950	T&M Case Analysis and Product Innovation	3		3											
TEMG	4950	T&M Corporate Consulting Project	3-5					4								
Required credits for Additional Requirements			7													7
University CORE																
CORE	C3 - C12	U CORE - Others	30	3	3	3		6	3	3			3	6		30
CORE	C1 & C2	U CORE - English Language	6	3	3											6
Sub-total for University CORE			36													36
Term load (excl. free credits)																
18 18 18 20 19 19 19 18 19 18																
186##																

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 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.