

<< 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	3												
COMP	2011	Introduction to Computing with Java	3													
COMP	2012H	Programming with C++	4													
		Honors Object-Oriented Programming and Data Structures	5													
MATH	1012	Note: (MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024) OR (MATH 1020)	4-7													
MATH	1013	Calculus IA	4													
MATH	1014	Calculus IB	3	3	3											
MATH	1020	Calculus II	3													
MATH	1023	Accelerated Calculus	4													
MATH	1024	Honors Calculus I	3													
MATH	1024	Honors Calculus II	3													
MATH	2011	Introduction to Multivariable Calculus	3													
MATH	2111	Note: MATH2111 OR MATH2350 OR MATH2351	3													
MATH	2350	Matrix Algebra and Applications	3													
MATH	2351	Applied Linear Algebra and Differential Equations	3													
		Introduction to Differential Equations	3													
PHYS	1112	Note: PHYS1112 OR PHYS1312	3													
PHYS	1312	General Physics I with Calculus	3													
		Honors General Physics I	3													
CHEM	1008	Science 1000-level course (1 course of the specified course list)	3-4													
CHEM	1012	Introductory Chemistry	3													
LIFS	1901	General Chemistry B: Atomic Structure, Molecules, and Bonding Theories	3													
PHYS	1101	General Biology I	3													
		Introductory Physics	4													
Required credits for Engineering Fundamental Courses			19-25												18	
Major Required Courses and Electives																
MECH	1907	Introduction to Aerospace Engineering	3													
MECH	1990	Industrial Training	0													
MECH	2020	Statics and Dynamics	3													
MECH	2040	Solid Mechanics I	3													
MECH	2210	Fluid Mechanics	3													
MECH	2310	Thermodynamics	3													
MECH	2410	Engineering Materials I	3													
MECH	3400	Introduction to Composite Materials	3													
MECH	3610	Control Principles	3													
MECH	3620	Aircraft Design	3													
MECH	3640	Aerodynamics	3													
MECH	3650	Aircraft Structural Analysis	3													
MECH	3660	Gas Turbines and Jet Propulsion	3													
MECH	3670	Aircraft Performance and Stability	3													
MECH	3680	Avionics Systems	3													
MECH	3690	Aerospace Engineering Laboratory	3													
MECH	4980	Final Year Aerospace Design Project	6													
ELEC	2420	Basic Electronics	3													
ENGG	2010	Engineering Seminar Series	0													
MECH		MECH Electives in Aerospace (2 courses from the specified elective list)	6													
Required credits for Major Requirements Courses and Electives			60												60	
BBA in Global Business																
School Requirements																
ACCT	2010	Principles of Accounting I	3	3												
ACCT	2200	Principles of Accounting II	3													
ECON	2103	Note: ECON 2103 OR ECON 2113	3													
ECON	2113	Principles of Microeconomics	3													
		Microeconomics	3													
ECON	2123	Note: ECON 2123 OR ECON 3123	3													
ECON	3123	Macroeconomics	3													
		Macroeconomic Theory I	3													
FINA	2303	Financial Management	3													
ISOM	2010	Introduction to Information Systems	3													
ISOM	2020	Coding for Business	1													
ISOM	2500	Business Statistics	3													
ISOM	2600	Introduction to Business Analytics	1													
ISOM	2700	Operations Management	3													
MARK	2120	Marketing Management	3													
MGMT	2010	Business Ethics and the Individual	2													
MGMT	2110	Organizational Behavior	3													
MGMT	2130	Business Ethics and Social Responsibility	2													
MATH	1003	Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3-4													
MATH	1012	Calculus and Linear Algebra	3													
MATH	1013	Calculus IA	4													
MATH	1020	Calculus IB	3													
MATH	1023	Accelerated Calculus	4													
		Honors Calculus I	3													
Required credits for School Requirements			39-40												32	
Major Requirements																
Major Required Courses and Electives																
GBUS	1000	Global Leadership Development	0													
GBUS	2010	Global Business Analysis	3													
GBUS/SBMT	2020	Note: GBUS 2020 OR GBUS 2040 OR SBMT 2100-2110	1-4													
GBUS	2040	Public Service Project	1													
GBUS	2100-2110	Environmental, Social, and Governance (ESG) Corporate Project	1													
GBUS/SBMT	2100-2110	Community Services Project	4													
GBUS/ISOM	3030	Note: GBUS 3030 OR ISOM 4780	3-4													
GBUS	4780	Global Business Case Studies	4													
ISOM	4780	Integrated Planning and Execution	3													
GBUS	4910	Capstone Project	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													
Required credits for Major Required Courses and Electives			26-30												26	
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													
TEMG	4950	T&M Corporate Consulting Project	3-5													
Required credits for Additional Requirements			7												7	
University CORE																
CORE	C3 - C9	U CORE - Others	21													
CORE	C1 & C2	U CORE - English Language	6	3	3											
HMAW	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	1	2											
Sub-total for University CORE			30												30	
Term load (excl. free credits)																
16 17 18 18 17 19 17 18 15 18																
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 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.