

<< 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 Computer 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 Computer Engineering																
Major Requirements																
Engineering Fundamental Courses																
COMP	1021	Note: COMP1021 OR COMP1022P Introduction to Computer Science	3	3											3	Students should take COMP1021 which will also be used to substitute ISOM 2010 and to waive ISOM 2020
COMP	1022P	Introduction to Computing with Java	4-7													
MATH	1012	Note: (MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024) OR (MATH 1020)	4													6
MATH	1013	Calculus IA	3	3												
MATH	1014	Calculus IB	3													
MATH	1020	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	3													
MATH	1024	Honors Calculus II	3													
MATH	2011	Introduction to Multivariable Calculus	3					3							3	
MATH	2111	Matrix Algebra and Applications	3					3							3	
PHYS	1112	Note: PHYS1112 OR PHYS1312 General Physics I with Calculus	3	3											3	
PHYS	1312	Honors General Physics I	3												3	
PHYS	1114	Note: PHYS1114 OR PHYS1314 General Physics II	3					3							3	
PHYS	1314	Honors General Physics II	3												3	
SENG		Engineering Introduction course (If the students take an introduction course included in their major, this course can be counted towards their major requirement.)	3-4	(3)											0	
Required credits for Engineering Fundamental Courses			22-26												21	
Major Required Courses and Electives																
CPEG	2930	Academic and Professional Development I	0			0	0								0	
CPEG	3930	Academic and Professional Development II	0					0	0						0	
COMP	2011	Note: (COMP2011 AND COMP2012) OR COMP2012H Programming with C++	5-8													
COMP	2012	Object-Oriented Programming and Data Structures	4			4		4							8	
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5													
COMP	2611	Note: COMP2611 OR ELEC2350 Computer Organization	4				4								4	
ELEC	2350	Introduction to Computer Organization and Design	4												4	
COMP	2711	Note: COMP2711 OR COMP2711H Discrete Mathematical Tools for Computer Science	4							4					4	
COMP	2711H	Honors Discrete Mathematical Tools for Computer Science	4												4	
COMP	3511	Operating Systems	3								3				3	
CPEG	1971	Note: [CPEG 1971 AND (CPEG 4901 OR CPEG 4902 OR CPEG 4911 OR CPEG 4912)] OR [CPEG 4910] (Students taking the Research Option must take either CPEG 4902 or CPEG 4912)	6													
CPEG	4901	Industrial Experience	0										3	3	6	
CPEG	4902	Computer Engineering Final Year Project in COMP	6												6	
CPEG	4911	Computer Engineering Final Year Thesis in COMP	6												6	
CPEG	4912	Computer Engineering Final Year Project in ELEC	6												6	
CPEG	4910	Computer Engineering Final Year Thesis in ELEC	6												6	
ELEC	1100	Introduction to Electro-Robot Design	4			4									4	
ELEC	2100	Signals and Systems	4					4							4	
ELEC	2400	Electronic Circuits	4				4								4	
ELEC	2600	Probability and Random Processes in Engineering	4									4			4	
ELEC	3300	Introduction to Embedded Systems	4								4				4	
ENGG	2010	Engineering Seminar Series	0			0	0	0	0						0	
COMP/ELEC		Area Courses (At least 2 courses should be taken from one single area and at least 2 courses outside that area (including course(s) in the Courses without Associated Area. Courses taken to satisfy CPEG Restricted Elective requirement may not be counted under Area Courses.)	12			3					3	3	3		12	
COMP/ELEC		COMP/ELEC 2000-level or above Elective (Any course(s) of the subject and level as specified)	3							3					3	
Required credits for Major Requirements Courses and Electives			57-60												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	
ECON	2103	Note: ECON 2103 OR ECON 2113 Principles of Microeconomics	3		3										3	
ECON	2113	Microeconomics	3												3	
ECON	2123	Note: ECON 2123 OR ECON 3123 Macroeconomics	3					3							3	
ECON	3123	Macroeconomic Theory I	3												3	
FINA	2303	Financial Management	3				3								3	
ISOM	2010	Introduction to Information Systems	3	-	-	-	-	-	-	-	-	-	-	-	0	Substituted by COMP 1021/ 1022P/ 2011/ 2012H
ISOM	2020	Coding for Business	1	-	-	-	-	-	-	-	-	-	-	-	0	Waived for DDP students if they have taken and passed COMP1021 or COMP 1029P
ISOM	2500	Business Statistics	3			3									3	
ISOM	2600	Introduction to Business Analytics	1							1					1	
ISOM	2700	Operations Management	3						3						3	
MARK	2120	Marketing Management	3				3								3	
MGMT	2010	Business Ethics and the Individual	2								2				2	
MGMT	2110	Organizational Behavior	3		3										3	
MGMT	2130	Business Ethics and Social Responsibility	2										2		2	
MATH	1003	Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023 Calculus and Linear Algebra	3-4													
MATH	1012	Calculus IA	3												3	
MATH	1013	Calculus IB	4												4	
MATH	1020	Accelerated Calculus	3												3	
MATH	1023	Honors Calculus I	3												3	
Required credits for School Requirements			39-40												32	
Major Requirements																
Major Required Courses and Electives																
GBUS	1000	Global Leadership Development	0					0	0	0	0	0	0	0	0	
GBUS	2010	Global Business Analysis	3						3						3	
GBUS/SBMT	2020	Note: GBUS 2020 OR GBUS 2040 OR SBMT 2100-2110 Public Service Project	1-4							1	[1]				1	
GBUS	2040	Environmental, Social, and Governance (ESG) Corporate Project	1												1	
SBMT	2100-2110	Community Services Project	4												4	
GBUS/ISOM	3030	Note: GBUS 3030 OR ISOM 4780 Global Business Case Studies	3-4							3	[3]				3	
GBUS	4780	Integrated Planning and Execution	4												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 SBM may not be counted towards this elective requirement.)	15								6	3	6		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	
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												7	
University CORE																
CORE	C3 - C9	U CORE - Others	21			6			3	6				6	21	
CORE	C1 & C2	U CORE - English Language	6	3	3										6	
HMAW	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	1	2										3	
Sub-total for University CORE			30												30	
Term load (excl. free credits)																
16 17 20 18 17 16 17 18 17 20																
176##																
Notes:																
() indicates the reuse of the same course to fulfill more than one requirement.																
--- denotes the course/requirement is either waived or substituted																
# To graduate, students should complete all requirements as specified for DDP.																
**Remarks on course(s):																

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