

<< 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 Marketing)			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	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	3													
LANG	2030	Technical Communication I	3												0	Waived for DDP students
MATH	1012	Note: [MATH 1012 OR MATH 1013 OR MATH 1023] AND [MATH 1014 OR MATH 1024] OR [MATH 1020]	4-7													6
MATH	1013	Calculus IA	4													
MATH	1014	Calculus IB	3	3	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	3	3											3	
PHYS	1312	General Physics I with Calculus	3													
PHYS	1114	Note: PHYS1114 OR PHYS1314	3							3					3	
PHYS	1314	General Physics II	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			25-29												21	
Major Required Courses and Electives																
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													6
CPEG	4901	Industrial Experience	0										3	3		
CPEG	4902	Computer Engineering Final Year Project in COMP	6													
CPEG	4911	Computer Engineering Final Year Project in ELEC	6													
CPEG	4912	Computer Engineering Final Year Thesis in ELEC	6													
CPEG	4910	Co-op Program	6													
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	5-8													8
COMP	2012	Programming with C++	4			4										
COMP	2012H	Object-Oriented Programming and Data Structures	4					4								
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5													
COMP	2611	Note: COMP2611 OR ELEC2350	4													4
ELEC	2350	Computer Organization	4					4								
COMP	2711	Note: COMP2711 OR COMP2711H	4													4
COMP	2711H	Discrete Mathematical Tools for Computer Science	4								4					
COMP	3511	Honors Discrete Mathematical Tools for Computer Science	4													
ELEC	1100	Operating Systems	3									3			3	
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	
LANG	4030	Note: LANG4030 OR LANG4031	3											3	3	
LANG	4031	Technical Communication I for CSE, CPEG & DSCT	3													
COMP/ELEC/ENGG		Area Courses [At least 2 courses should be taken from one area 12 and at least 1 course outside that area (including course(s) in the Courses without Associated Area)].	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			59-63												63	
BBA in Marketing																
School Requirements																
ACCT	2010	Principles of Accounting I	3	3											3	3
ACCT	2200	Principles of Accounting II	3							3						
ECON	2103	Note: ECON 2103 OR ECON 2113	3			3										3
ECON	2113	Principles of Microeconomics	3													
ECON	2123	Note: ECON 2123 OR ECON 3123	3							3						3
ECON	3123	Macroeconomics	3													
FINA	2303	Macroeconomic Theory I	3													
ISOM	2010	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	MARK 2120 is a major pre-requisite
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	
LABU	2040	Business Case Analyses	3												0	Waived for DDP students
LANG	2061	Note: LANG 2061 OR 2062 OR 3060	3													3
LANG	2062	Professional Writing for the Workplace	3													
LANG	3060	Professional Speaking for the Workplace	3													
MATH	1003	Note: MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023	3-4													0
MATH	1012	Calculus and Linear Algebra	3													
MATH	1013	Calculus IA	4													
MATH	1020	Calculus IB	3													
MATH	1023	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	3													
Required credits for School Requirements			43-44												35	
Major Requirements																
Major Required Courses and Electives																
MARK	3220	Marketing Research	4						4							4
MARK	3420	Consumer Behavior	4							4						4
MARK	4210	Strategic Marketing	4											4		4
MARK		MARK 3000-level or above Electives (Any 3 courses of the subject and level as specified)	12								4	4	4		12	
Required credits for Major Required Courses and Electives			24												24	
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	J CORE - Others	21	3		3	3				6				6	21
CORE	C1 & C2	J CORE - English Language	6	3	3											6
CORE	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	0	3											3
Sub-total for University CORE			30												30	
Term load (excl. free credits)																
18 18 17 18 20 21 19 20 13 16																
180##																
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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):

>> 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.