

<< 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 Electronic 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													
<b>BEng in Electronic Engineering</b>																
<b>Major Requirements</b>																
Engineering Fundamental Courses																
ELEC	2600	Note: ELEC2600 OR ELEC2600H OR MATH2011 OR MATH2111 OR MATH2350 OR MATH 2351 (3 courses out of 6)	9-10													
ELEC	2600H	Probability and Random Processes in Engineering	4													
MATH	2011	Honors Probability and Random Processes in Engineering	4	3		3		3								9
MATH	2111	Introduction to Multivariable Calculus	3													
MATH	2350	Matrix Algebra and Applications	3													
MATH	2351	Applied Linear Algebra and Differential Equations	3													
MATH	2351	Introduction to Differential Equations	3													
COMP	1021	Note: COMP1021 OR COMP1022P	3		3											
COMP	1022P	Introduction to Computer Science	3													
COMP	2011	Note: COMP 2011 OR COMP 2012H	4-5													
COMP	2012H	Introduction to Computing with Java	3													
COMP	2012H	Programming with C++	4			4										4
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5													
ENGG	1010	Academic Orientation	0	0	0											0
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													
MATH	1013	Calculus IA	4													
MATH	1014	Calculus IB	3	3	3											6
MATH	1014	Calculus II	3													
MATH	1020	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	3													
MATH	1024	Honors Calculus II	3													
PHYS	1112	Note: PHYS1112 OR PHYS1312	3	3												
PHYS	1312	General Physics I with Calculus	3													
PHYS	1312	Honors General Physics I	3													
PHYS	1114	Note: PHYS1114 OR PHYS1314	3		3											
PHYS	1314	General Physics II	3													
PHYS	1314	Honors 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
<b>Required credits for Engineering Fundamental Courses</b>			32-38													28
<b>Major Required Courses and Electives</b>																
ELEC	1100	Introduction to Electro-Robot Design	4			4										4
ELEC	1200	A System View of Communications: from Signals to Packets	4				4									4
ELEC	2100	Note: ELEC2100 OR ELEC2100H	4							4						4
ELEC	2100H	Signals and Systems	4													
ELEC	2350	Introduction to Computer Organization and Design	4							4						4
ELEC	2400	Electronic Circuits	4							4						4
ELEC	2910	Academic and Professional Development I	0			0	0									0
ELEC	3910	Academic and Professional Development II	0					0	0							0
ELEC	4900	Note: [ELEC 2991 AND (ELEC 4900 OR ELEC 4901)] OR [ELEC 4910] (Students taking the Research Option must take ELEC 4901)	6										3	3		6
ELEC	4901	Final Year Design Project	6													
ELEC	2991	Final Year Thesis	6													
ELEC	4910	Industrial Experience (Electronic Engineering)	0													
ELEC	4910	Co-op Program	6													
ENGG	2010	Engineering Seminar Series	0			0	0	0	0							0
LANG	4031	Technical Communication II for ECE & CPEG	3										3			3
ELEC		ELEC 3000-level or above Electives (Courses of the subject and level as specified, out of which at least 2 courses must be at 4000-level. ELEC 4940 cannot be used to count towards this elective requirement.)	21				3		3			6	3	6		21
<b>Required credits for Major Requirements Courses and Electives</b>			50													50
<b>BBA in Global Business</b>																
<b>School Requirements</b>																
ACCT	2010	Principles of Accounting I	3	3												3
ACCT	2200	Principles of Accounting II	3						3							3
ECON	2103	Note: ECON2103 OR ECON2113	3			3										3
ECON	2113	Principles of Microeconomics	3													
ECON	2113	Microeconomics	3													
ECON	2123	Note: ECON2123 OR ECON3123	3						3							3
ECON	3123	Macroeconomics	3													
ECON	3123	Macroeconomic Theory I	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 COMP 1021 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
SBMT	1111	Business Student Induction	0	-	-	-	-	-	-	-	-	-	-	-	-	0
Waived for DDP students																
LABU	2040	Business Case Analyses	3	-	-	-	-	-	-	-	-	-	-	-	-	0
Waived for DDP students																
LABU	2060	Effective Communication in Business	3						3							3
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	(3)												
MATH	1013	Calculus IA	4													
MATH	1013	Calculus IB	3													
MATH	1020	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	3													
<b>Required credits for School Requirements</b>			43-44													35
<b>Major Requirements</b>																
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	2020	Public Service Project	1						1	[1]						1
GBUS/ISOM	3030	Note: GBUS 3030 OR ISOM2040	3-4													
GBUS	2040	Global Business Case Studies	4						4	[3]						4
ISOM	2040	Business Simulation and Strategic Decisions	3													
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
<b>Required credits for Major Required Courses and Electives</b>			26-27													27
<b>Additional Requirements</b>																
<b>Requirements for Dual Degree Program</b>																
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											3
TEMG	4950	T&M Corporate Consulting Project	3-5						4							4
<b>Required credits for Additional Requirements</b>			7													7
<b>University CORE</b>																
CORE	C3 - C12	U CORE - Others	30	3	3	3	3	3			6	6		3		30
CORE	C1 & C2	U CORE - English Language	6	3	3											6
<b>Sub-total for University CORE</b>			36													36
Term load (excl. free credits)																
18    18    20    19    18    20    18    18    16    18																
<b>183##</b>																
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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.