

<< 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													
BEng in Electronic Engineering																
Major Requirements																
Engineering Fundamental Courses																
ELEC	2600	Note: ELEC2600 OR ELEC2600H OR MATH2011 OR MATH2111 OR MATH2350 OR MATH 2351 (3 courses out of 6)	4													
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											3
COMP	1022P	Introduction to Computer Science	3													
COMP	2011	Note: COMP 2011 OR COMP 2012H	4-5				4									4
COMP	2012H	Programming with C++	4													
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5													
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	1020	Calculus II	3													
MATH	1023	Accelerated Calculus	4													
MATH	1024	Honors Calculus I	3													
MATH	1024	Honors Calculus II	3													
PHYS	1112	Note: PHYS1112 OR PHYS1312	3	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											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
Required credits for Engineering Fundamental Courses																
32-38																
Major Required Courses and Electives																
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													
ELEC	4901	Final Year Design Project	6													
ELEC	2991	Final Year Thesis	6										3	3		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
Required credits for Major Requirements Courses and Electives																
50																
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: ECON2103 OR ECON2113	3		3											3
ECON	2113	Principles of 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
LANG	2061	Note: LANG 2061 OR 2062 OR 3060	3										3			3
LANG	2062	Professional Writing for the Workplace	3													
LANG	3060	Professional Speaking for the Workplace	3													
LANG	3060	Advanced Academic Writing	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)												0
MATH	1013	Calculus IA	4													
MATH	1013	Calculus IB	3													
MATH	1020	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	3													
Required credits for School Requirements																
43-44																
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	2020	Note: GBUS 2020 OR GBUS 2040	1								1	[1]				1
GBUS	2040	Public Service Project	1													
GBUS	2040	Environmental, Social, and Governance (ESG) Corporate Project	1													
GBUS/ISOM	3030	Note: GBUS 3030 OR ISOM 4780	3-4									4	[3]			4
GBUS	4780	Global Business Case Studies	4													
ISOM	4780	Integrated Planning and Execution	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
Required credits for Major Required Courses and Electives																
26-27																
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											3
TEMG	4950	T&M Corporate Consulting Project	3-5							4						4
Required credits for Additional Requirements																
7																
University CORE																
CORE	C3 - C9	U CORE - Others	21			3	3	9			3	3				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																
Term load (excl. free credits)																
16 20 17 19 15 18 18 18 19 17																
177##																
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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.																