

<< 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 General Business Management)			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)	9-10													
ELEC	2600H	Probability and Random Processes in Engineering	4													
MATH	2011	Honors Probability and Random Processes in Engineering	4													
MATH	2111	Introduction to Multivariable Calculus	3	3		3		3								9
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													
COMP	1022P	Introduction to Computer Science	3		3											
COMP	2011	Note: COMP 2011 OR COMP 2012H	4-5													
COMP	2012H	Introduction to Computing with Java	3													
COMP	2011	Programming with C++	4				4									
COMP	2012H	Honors Object-Oriented Programming and Data Structures	5													
LANG	2030	Technical Communication I	3	-	-	-	-	-	-	-	-	-	-	-	-	0
Students should take COMP1021 which will also be used to substitute ISOM 2010 and to waive ISOM 2020																
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											
MATH	1020	Accelerated Calculus	4													
MATH	1023	Honors Calculus I	3													
MATH	1024	Honors Calculus II	3													
PHYS	1112	Note: PHYS1112 OR PHYS1312	3													
PHYS	1312	General Physics I with Calculus	3	3												
PHYS	1312	Honors General Physics I	3													
PHYS	1114	Note: PHYS1114 OR PHYS1314	3													
PHYS	1314	General Physics II	3		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)											
Required credits for Engineering Fundamental Courses			32-38													28
Major Required Courses and Electives																
ELEC	1100	Introduction to Electro-Robot Design	4					4								
ELEC	1200	A System View of Communications: from Signals to Packets	4													
ELEC	2100	Note: ELEC2100 OR ELEC2100H	4													
ELEC	2100H	Signals and Systems	4													
ELEC	2350	Honors Signals and Systems	4													
ELEC	2350	Introduction to Computer Organization and Design	4													
ELEC	2400	Electronic Circuits	4													
ELEC	2910	Academic and Professional Development I	0													
ELEC	3910	Academic and Professional Development II	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													
ELEC	4910	Industrial Experience (Electronic Engineering)	0													
ELEC	4910	Co-op Program	6													
ENGG	2010	Engineering Seminar Series	0													
LANG	4031	Technical Communication II for ECE & CPEG	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													
Required credits for Major Requirements Courses and Electives			50													50
BBA in General Business Management																
School Requirements																
ACCT	2010	Principles of Accounting I	3	3												
ACCT	2200	Principles of Accounting II	3													
ECON	2103	Note: ECON2103 OR ECON2113	3													
ECON	2113	Principles of Microeconomics	3													
ECON	2123	Note: ECON2123 OR ECON3123	3													
ECON	3123	Macroeconomics	3													
ECON	3123	Macroeconomic Theory I	3													
FINA	2303	Financial Management	3													
ISOM	2010	Introduction to Information Systems	3	-	-	-	-	-	-	-	-	-	-	-	-	0
ISOM	2020	Coding for Business	1	-	-	-	-	-	-	-	-	-	-	-	-	0
ISOM	2500	Business Statistics	3													
ISOM	2600	Business Analytics	1													
ISOM	2700	Introduction to Business Analytics	3													
MARK	2120	Operations Management	3													
MARK	2120	Marketing Management	3													
MGMT	2010	Business Ethics and the Individual	2													
MGMT	2110	Business Ethics and Social Responsibility	3													
MGMT	2130	Organizational Behavior	2													
MGMT	2130	Business Ethics and Social Responsibility	2													
LABU	2040	Business Case Analyses	3	-	-	-	-	-	-	-	-	-	-	-	-	0
LABU	2060	Effective Communication in Business	3													
Waived for DDP students																
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													
Required credits for School Requirements			43-44													35
Major Requirements																
Major Required Courses and Electives																
SB&M		SB&M Electives (Any 9 courses offered by the departments under SB&M, of which at least 4 courses are of 3000-level or above.)	29													
Required credits for Major Required Courses and Electives			29													29
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											
CORE	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	0	3											
Sub-total for University CORE			30													30
Term load (excl. free credits)																
				15	18	17	19	18	20	18	18	18	18			
179##																
				<< Declaration of BEng major		<< Declaration of BBA major										

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.