

<< 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	
Course Offering Dept. (course code prefix)	Course Code	Course Title / Courses List	Credits												
<b>BEng in Electronic Engineering</b>															
<b>Major Requirements</b>															
<b>Engineering Fundamental Courses</b>															
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										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	4			4									4
COMP	2012H	Programming with C++	5												
ENGG	1010	Honors Object-Oriented Programming and Data Structures	0	0	0										0
ENGG	1010	Academic Orientation	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	1020	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											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
<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	Honors Signals and Systems	4								4				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									3	3		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						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 General Business Management</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	2123	Microeconomics	3					3							3
ECON	3123	Note: ECON123 OR ECON3123	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	1020	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>															
<b>Major Required Courses and Electives</b>															
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					4	3	8	7	4	3		29
<b>Required credits for Major Required Courses and Electives</b>			29												29
<b>Additional Requirements</b>															
<b>Requirements for Dual Degree Program</b>															
<b>Required Courses</b>															
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
<b>Required credits for Additional Requirements</b>			7												7
<b>University CORE</b>															
CORE	C3 - C12	U CORE - Others	30		3	3	3			3	6	6	6		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)															
15 18 20 19 19 19 19 19 19 18															
185##															
<< 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.