

<< 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 Finance)			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	3		3			3							9
MATH	2011	Honors Probability and Random Processes in Engineering	3													
MATH	2111	Introduction to Multivariable Calculus	3													
MATH	2350	Matrix Algebra and Applications	3													
MATH	2351	Applied Linear Algebra and Differential Equations	3													
COMP	1021	Note: COMP1021 OR COMP1022P	3													
COMP	1022P	Introduction to Computer Science	3		3											3
COMP	2011	Note: COMP 2011 OR COMP 2012H	4-5													
COMP	2012H	Introduction to Computing with Java	4													
COMP	2012H	Programming with C++	5				4									4
COMP	2012H	Honors Object-Oriented Programming and Data Structures	3													
LANG	2030	Technical Communication I	3													0
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												3
PHYS	1312	General Physics I with Calculus	3													
PHYS	1114	Note: PHYS1114 OR PHYS1314	3													
PHYS	1314	General Physics I	3													
PHYS	1114	General Physics II	3		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)											0
Required credits for Engineering Fundamental Courses			32-38													28
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	Honors Signals and Systems	4													
ELEC	2400	Introduction to Computer Organization and Design	4								4					4
ELEC	2400	Electronic Circuits	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	4901	Final Year Thesis	6													
ELEC	2991	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													50
BBA in Finance																
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
ISOM	2020	Coding for Business	1													0
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
LABU	2040	Business Case Analyses	3													0
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)												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													35
Major Requirements																
Major Required Courses and Electives																
FINA	3001	Key Skills for Finance Professionals (A)	1						1							1
FINA	3103	Intermediate Investments	3						3							3
FINA	3203	Derivative Securities	3							3						3
FINA	3303	Intermediate Corporate Finance	3								3					3
FINA	3810	Bloomberg Market Concepts Certification	0						0							0
ACCT	3010	Note: (ACCT 3010 AND ACCT 3020) OR ACCT 3030	3-6													
ACCT	3020	Financial Accounting I	3								3					3
ACCT	3030	Financial Accounting II	3													
ACCT	3030	Intermediate Financial Accounting for Non-Accounting Majors	3													
ISOM	3230	Note: ISOM 3230 OR ISOM 3400	3													
ISOM	3400	Business Applications Programming	3								3					3
ISOM	3400	Python Programming for Business Analytics	3													
FINA		FINA 3000-level or above Electives (Any 3 courses of the subject and level as specified)	9								3	3	3			9
Required credits for Major Required Courses and Electives			25-28													25
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													7
University CORE																
CORE	C3 - C9	U CORE - Others	21				3		6			6	3	3		21
CORE	C1 & C2	U CORE - English Language	6	3	3											6
CORE	1905	Behavioral Foundations of University Education: Habits, Mindsets, and Wellness	3	1	2											3
Sub-total for University CORE			30													30
Term load (excl. free credits)																
					16	20	17	16	17	20	17	17	17	18		
175##																
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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.