

<< 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 Economics)			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>																
<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)		4												
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												
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												
COMP	2011	Introduction to Computing with Java		3												
COMP	2011	Programming with C++		4												
ENGG	1010	Academic Orientation		0												
LANG	2030	Technical Communication I		3												
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												
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												
PHYS	1312	General Physics I with Calculus		3												
PHYS	1312	Honors General Physics I		3												
PHYS	1114	Note: PHYS1114 OR PHYS1314		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												
<b>Required credits for Engineering Fundamental Courses</b>				32-37											31	
<b>Major Required Courses and Electives</b>																
ELEC	1100	Introduction to Electro-Robot Design		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	2100H	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: (ELEC4900 AND ELEC2991) OR (ELEC4901 AND ELEC2991) OR ELEC4910		6												
ELEC	4901	(Students taking the Research Option must take ELEC 4901)		6												
ELEC	2991	Final Year Design Project		6												
ELEC	4910	Final Year Thesis		6												
ELEC	4910	Industrial Experience (Electronic Engineering)		6												
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 4000-level Electives (Any 2 courses ELEC 4000-level courses. ELEC4940 cannot be used to count towards this elective requirement)		21												
<b>Required credits for Major Requirements Courses and Electives</b>				50											50	
<b>BBA in Economics</b>																
<b>School Requirements</b>																
ACCT	2010	Principles of Accounting I		3												
ACCT	2200	Principles of Accounting II		3												
ECON	2103	Note: ECON2103 OR ECON2113		3												
ECON	2113	Principles of Microeconomics		3												
ECON	2113	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												
ISOM	2020	Coding for Business		1												
ISOM	2500	Business Statistics		3												
ISOM	2600	Introduction to Business Analytics		1												
ISOM	2700	Operations Management		3												
MARK	2120	Marketing Management		3												
MGMT	2010	Business Ethics and the Individual		2												
MGMT	2110	Organizational Behavior		3												
MGMT	2130	Business Ethics and Social Responsibility		2												
SBMT	1111	Business Student Induction		0												
LABU	2040	Business Case Analyses		3												
LABU	2060	Effective Communication in Business		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												
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											39	
<b>Major Requirements</b>																
<b>Major Required Courses and Electives</b>																
ECON	3014	Managerial Microeconomics		4												
ECON	3024	Managerial Macroeconomics		4												
ECON	3334	Introduction to Econometrics		4												
ECON	4670	Economics Research and Communication		0												
ECON		ECON 4000-level Electives (Any 3 courses of the subject and level as specified)		11												
<b>Required credits for Major Required Courses and Electives</b>				23											23	
<b>Additional Requirements</b>																
<b>Requirements for Dual Degree Program</b>																
<b>Required Courses</b>																
TEMG	1010	Technology and Management Professional Activities		0												
TEMG	3950	Case-based Problem Solving		3												
<b>Required credits for Additional Requirements</b>				3											3	
<b>University CORE</b>																
CORE	C3 - C12	U CORE - Others		30												
CORE	C1 & C2	U CORE - English Language		6												
<b>Sub-total for University CORE</b>				36											36	
Term load (excl. free credits)																
				18	18	20	19	20	20	18	18	16	15			
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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.