

Second Year**Semester A:**

Course Code	Title	CU	Pre-requisite	Precursor
EE2104	Introduction to Electromagnetics	3	MA2183* or a pass in A-Level Pure Mathematics / Applied Mathematics or equivalent	Nil
EE3003(I)	Electronic Product Design	1	Part I: EE2301 & EE2000 ^Δ & EE2106 ^Δ	Nil
EE3008	Principles of Communications	3	MA2149 & EE3118 ^Δ	Nil
EE3118	Linear Systems and Signal Analysis	3	MA2149	Nil
EE3120	Microprocessor & Assembly Language Programming	3	Nil	EE2000 & CS2363
MS3215	Linear Models	3	Nil	FB2200 or equivalent
Required Language Course: University English Elective Course*		1*	--	--
Total		17* or 16#		

Semester B:

Course Code	Title	CU	Pre-requisite	Precursor
EE3003(II)	Electronic Product Design	1	Part II: EE3003 – Part I & [EE3120 or equivalent]	Nil
EE3014	Engineers in Society#	2#	At least 43 credit units have been completed	Nil
EE3101	Communication Engineering	3	EE3008 ^Δ	Nil
EE3109	Applied Electromagnetics	3	MA3150	EE2104
EE3110	Analogue Electronic Circuits	3	EE2003 ^Δ EE2106 ^Δ	Nil
EE3114	Systems and Control	3	EE3118	Nil
MS3217	SAS Programming	3	Nil	Nil
Required Language Courses: EL0401*		1*	--	--
Total		17* or 18#		

Summer:

Course Code	Title	CU	Pre-requisite	Precursor
EE4092	Basic Training II	0	Note 1	Nil
Total		0		

Δ Co-requisite : To be taken before or together with the course

* For students who do not have Grade D or above in UE or its equivalent

(i) For students with grade D or above in UE or its equivalent; (ii) these students may take EE3014 in Year 2 Sem B.

Note 1: EE4092 - Part A: (i) EE4091; (ii) Pre-attachment training; and (iii) at least 40 credit units have been completed by the end of Semester A.

EE4092 - Part B: (i) EE4091; (ii) at least 40 credit units have been completed by the end of Semester A; and (iii) EE3003 Electronic Product Design.

Third Year**Semester A:**

Course Code	Title	CU	Pre-requisite	Precursor
EE3014	Engineers in Society*	2*	At least 43 credit units have been completed	Nil
EE4181/ FS4003	Project (first part)	3	At least 43 CUs of Level 2 or above core or technical elective courses have been completed	Nil
EEzzzz	2 Technical Elective Courses from Groups A/B	6	--	--
MS4215	Enterprise Data Warehousing and Web Applications	3	MS3217	Nil
Required Language Course: EN2272#		3#	--	--
Total		14* or 15#		

Semester B:

Course Code	Title	CU	Pre-requisite	Precursor
EE4181/ FS4003	Project (second part)	3	At least 43 CUs of Level 2 or above core or technical elective courses have been completed	Nil
EEzzzz	1 Technical Elective Course from Group C	3	--	--
EEzzzz	2 Technical Elective Courses from Groups A/B	6	--	--
MS4224	Enterprise Data Mining	3	Nil	FB2200 & MS3217
Chinese Civilization		3		
Total		18		

* For students who do not have Grade D or above in UE or its equivalent

For students with grade D or above in UE or its equivalent