

BEng (Hons) Information Engineering (Law Minor)

Recommended Study Plan for 2007/08 cohort

Programme Requirements:

	<u>Credit Units</u>
Core courses:	57 ¹
Elective courses:	18 ²
Law Minor courses:	15 ³
University Language Requirement:	6
Chinese Civilization:	6
	Total: 102 Cus

Note :

1. Including EE4095 and EE4096 Basic Training I & II for Information Engineer, which carry no credit unit.
2. Elective courses are divided into five streams and one “Other IE electives” group. Students are required to take a minimum of SIX technical electives of which no more than ONE level-3 electives course should be taken.
3. 9 CUs of the out-of-discipline studies normally required for the BEngIE Programme, is not required in the BEngIE (LAW-Minor), as the minor courses will automatically fulfil this.

Year 1 (Sem A)

Course code & title		CU	Pre-requisite	Precursor
EE2000	Logic Circuit Design	3	Nil	Nil
EE2301	Basic Electronic Circuit	3	Nil	Nil
EE2372	Electronics Laboratory	1	EE2000 ^Δ & EE2301 ^Δ	Nil
CS2362	Computer Programming for Engineers and Scientists	3	Nil	Nil
MA2170	Linear Algebra and Multi-variable Calculus	3	MA2176 or a pass in A-Level Pure Maths /Applied Maths or equivalent	Nil
Required English Course : EN2271		3	--	--
Total		16		

Year 1 (Sem B)

Course code & title		CU	Pre-requisite	Precursor
EE2202	Microprocessor & Assem. Lang. Prog.	3	Nil	(CS2362 or CS2363) & EE2000
EE2331	Data Structures and Algorithms	3	CS2362 or CS2363	Nil
EE2371	Data Communications Lab.	1	} Note 1	Nil
EE3015	Computer Networks	3		Nil
MA2184	Discrete Mathematics for Computing	3	Nil	Nil
LW2601	HK Legal System	3	Nil	Nil
Total		16		

Note 1: EE2371 and EE3015 must be taken in the same semester

^Δ Co/Pre-requisite – To be taken before or together with EE2372

Year 1 (Summer)

Course code & title		CU	Pre-requisite	Precursor
EE4095	Basic Training I for Information Engineering	0	Nil	Nil

Year 2 (Sem A)

Course code & title		CU	Pre-requisite	Precursor
EE3016	WANs and Communication Protocols	3	EE3015	Nil
EE3313	Applied Queueing Systems	3	MA2170	Nil
CS3161	Operating System Principles	3	(CS2362 or CS2363) & EE2202	Nil
CS3462	Introduction to Database Systems	3	CS2362 or CS2363	Nil
LW2602	Law of Contract A	3	Nil	Nil
Chinese Civilization		3	--	--
Total		18		

Year 2 (Sem B)

Course code & title		CU	Pre-requisite	Precursor
EE3008	Principles of Communications	3	MA2170 or MA2176 or a pass in A-Level Pure Maths or equivalent	
EE3206	Java Programming and Applications	3	CS2362 or CS2363	Nil
EE3210	Signals and Systems	3	MA2170	Nil
EE3314	Information Product Design	2	EE2331 & EE3015	CS3161
LW2602	Law of Contract B	3	Nil	Nil
Required English Course : EN2272		3	--	--
Total		17		

Year 2 (Summer)

Course code & title		CU	Pre-requisite	Precursor
EE4096	Basic Training II for Information Engineering	0	Note 2	EE3206 & CS3161 & CS3462 for Part B

Note 2: (i) EE4095; (ii) S9801 Pre-attachment Training; (iii) at least 40 credit units have been completed by the end of Sem A

Year 3 (Sem A)

Course code & title		CU	Pre-requisite	Precursor
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EE3014	Engineers in Society	2	43 credit units have been completed	Nil
EE4381/ CS4269/ FS4001a	Project	3	43 credit units of level 2 & 3 core courses completed	Nil
LW2603	Law of Tort A	3	Nil	Nil
3 Technical Elective Courses		9	--	--
Total		17		

Year 3 (Sem B)

Course code & title		CU	Pre-requisite	Precursor
EE4381/ CS4269/ FS4001a	Project (<i>continuation</i>)	3	43 credit units of level 2 & 3 core courses completed	Nil
LW2603	Law of Tort B	3	Nil	Nil
3 Technical Elective Courses		9	--	--
Chinese Civilization		3	--	--
Total		18		