BEng in Information Engineering
Recommended Study Plan for Students Entering Major in 2019/2020

Year 2

Semester A			Semester B		
Code	Title	CU	Code	Title	CU
EE2000$^\beta$	Logic Circuit Design	3	EE2004$^\beta$	Microcomputer Systems	3
EE2302	Foundations of Information and Data Engineering	3	EE2301$^\beta$	Basic Electronic Circuits	3
CS2311$^\#$	Computer Programming	3	EE2331$^\beta$	Data Structures and Algorithms	3
MA2001	Multi-variable Calculus and Linear Algebra	3	MA3160	Probability & Stochastic Processes	3
	Technical Course Total (CUs):	**12**		**Technical Course Total (CUs):**	**12**
	Maximum Total (CUs):	**18***		**Maximum Total (CUs):**	**18***

Summer

Code	Title	CU
EE4096	Engineering Training I (Subject to approval)	0
	Technical Course Total (CUs):	**0**
	Maximum Total (CUs):	**7***

Year 3

Semester A			Semester B		
Code	Title	CU	Code	Title	CU
EE3009	Data Communications and Networking	3	EE3008	Principles of Communications	3
EE3070	Design Project (Part I)	1.5	EE3070	Design Project (Part II)	1.5
EE3206	Java Programming and Applications	3	EE3301	Optimization Methods for Engineering	3
EE3210	Signals and Systems	3	EE3315	Internet Technology	3
CS3103	Operating Systems	3	CS3402	Database Systems	3
	Technical Course Total (CUs):	**13.5**		**Technical Course Total (CUs):**	**13.5**
	Maximum Total (CUs):	**18***		**Maximum Total (CUs):**	**18***

Summer

Code	Title	CU
EE4097	Engineering Training II (Subject to approval)	0
	Technical Course Total (CUs):	**0**
	Maximum Total (CUs):	**7***

Year 4

Semester A			Semester B		
Code	Title	CU	Code	Title	CU
EE3012$^@$	Engineers in Society	3	2 Elective Courses		6
EE4080	Project	3	EE4080	Project	3
3 Elective Courses		9			
	Technical Course Total (CUs):	**15**		**Technical Course Total (CUs):**	**9**
	Maximum Total (CUs):	**18**		**Maximum Total (CUs):**	**18***

* Students are advised to complete the following degree and language requirements as early as possible alongside those technical courses as advised above, subject to credit limit and their offering schedule.

- EL0200A/EL0200B English for Academic Purposes (6 credit units)#
- GE1401 University English (3 credit units)#
- GE2410 English for Engineering (3 credit units)
- GE1501 Chinese Civilization – History and Philosophy (3 credit units)#
- CHIN1001 University Chinese I (3 credit units)#
- Gateway Education (Area Requirements)

\# Not Applicable to Advanced Standing II students

β Requirements on EE2000, EE2004, EE2301 and EE2331 will be considered case by case based on ASII students' backgrounds in the subjects @ Students having completed EE4081 Professional Internship Program (6CUs) will take one less technical elective (3CUs) and are not required to take EE3012 Engineers in Society (3CUs). For those who have completed 12-month internship in EE4081 are not required to take EE4097 Engineering Training II.