BEng in Computer and Data Engineering
Recommended Study Plan for Students Entering Major in 2018/19

Year 2

Semester A			Semester B		
Code	**Title**	**CU**	**Code**	**Title**	**CU**
EE2000$^\Omega$	Logic Circuit Design	3	GE1354$^\maltese$	Introduction to Electronic Design	3
EE2301$^\Omega$	Basic Electronic Circuits	3	EE2004$^\Omega$	Microcomputer Systems	3
CS2311#	Computer Programming	3	EE2203	Modelling Techniques	3
MA2001	Multi-variable Calculus and Linear Algebra	3	EE2331$^\Omega$	Data Structures and Algorithms	3
			EE3001	Foundations of Data Engineering	3
	Technical Course Total (CUs):	**12**		**Technical Course Total (CUs):**	**15**
	Maximum Total (CUs):	**18***		**Maximum Total (CUs):**	**18***

Summer

Code	Title	CU
EE4290	Engineering Training I for Computer and Data Engineering	0
	Technical Course Total (CUs):	**0**
	Maximum Total (CUs):	**7***

Year 3

Semester A			Semester B		
Code	**Title**	**CU**	**Code**	**Title**	**CU**
EE3070	Design Project (Part I)	1.5	EE3070	Design Project (Part II)	1.5
EE3009	Data Communications and Networking	3	EE3209	Data Management Techniques	3
EE3206	Java Programming and Applications	3	EE3210	Signals and Systems	3
EE3220	Embedded System Design	3	EE3315	Internet Technology	3
CS3402	Database Systems	3	CS3103	Operating 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
EE4291	Engineering Training II for Computer and Data Engineering	0
	Technical Course Total (CUs):	**0**
	Maximum Total (CUs):	**7***

Year 4

Semester A			Semester B		
Code	**Title**	**CU**	**Code**	**Title**	**CU**
EE3012Δ	Engineers in Society	3	2 Electives^		6
EE4080	Project	3	EE4080	Project	3
3 Electives^		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 1 & 2 (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

$\maltese$ Not applicable to Advanced Standing I & II

Ω Requirements on EE2000, EE2004, EE2301 and EE2331 will be considered case by case based on ASII students' backgrounds in the subjects.

Δ Students having completed EE4081 Professional Internship Program (6 CUs) will take one less technical elective (3CUs) and are not required to take EE3012 Engineers in Society (3CUs).

^ Students are required to take at least FIVE electives with at least TWO electives from each group.