

**BEng in Information Engineering**  
**Recommended Study Plan for Students Entering Major in 2018/19**

**Year 2**

Semester A			Semester B		
Code	Title	CU	Code	Title	CU
EE2000 <sup>β</sup>	Logic Circuit Design	3	EE2004 <sup>β</sup>	Microcomputer Systems	3
EE2302	Foundations of Information and Data Engineering	3	EE2301 <sup>β</sup>	Basic Electronic Circuits	3
CS2311 <sup>#</sup>	Computer Programming	3	EE2331 <sup>β</sup>	Data Structures and Algorithms	3
MA2001	Multi-variable Calculus and Linear Algebra	3	GE1354 <sup>Δ</sup>	Introduction to Electronic Design	3
			MA3160	Probability & Stochastic Processes	3
<b>Technical Course Total (CUs):</b>			<b>Technical Course Total (CUs):</b>		
<b>12</b>			<b>15</b>		
<b>Maximum Total (CUs):</b>			<b>Maximum Total (CUs):</b>		
<b>18*</b>			<b>18*</b>		

**Summer**

Code	Title	CU
EE4093	Engineering Training I for Information Engineering	0
<b>Technical Course Total (CUs):</b>		<b>0</b>
<b>Maximum Total (CUs):</b>		<b>7*</b>

**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
<b>Technical Course Total (CUs):</b>			<b>Technical Course Total (CUs):</b>		
<b>13.5</b>			<b>13.5</b>		
<b>Maximum Total (CUs):</b>			<b>Maximum Total (CUs):</b>		
<b>18*</b>			<b>18*</b>		

**Summer**

Code	Title	CU
EE4095	Engineering Training II for Information Engineering	0
<b>Technical Course Total (CUs):</b>		<b>0</b>
<b>Maximum Total (CUs):</b>		<b>7*</b>

**Year 4**

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

\* 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.

- ELO200A/ELO200B 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)

Δ Not Applicable to Advanced Standing I & II students

# 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 elective (3CUs) and are not required to take EE3012 Engineers in Society (3CUs)