Sample Study Plan for BEng(CompSc) with Minor in Statistics [for 2018-19 intake and thereafter]

		Semester 1		Semester 2	
Year 1 (60 cu)	UG5 Requirements (18 cu) Engineering (42 cu)	MATH1851 / MATH1853 ENGG1300 / ENGG1310 ENGG1330 CAES1000 / ENGG1320 CC	Calculus and ordinary differential equations / Linear algebra, probability and statistics Fundamental mechanics / Electricity and electronics Computer programming I Core University English / Engineers in the modern world University Common Core	MATH1851 / MATH1853 ENGG1300 / ENGG1310 ENGG1340 CAES1000 / ENGG1320 CC	Calculus and ordinary differential equations / Linear algebra, probability and statistics Fundamental mechanics / Electricity and electronics Computer programming II Core University English / Engineers in the modern world University Common Core
Year 2 (66 cu)	UG5 Requirements (24 cu) CS Core (24 cu) STAT requirement (18 cu)	COMP2121 COMP2396 MATH2014 STAT2601 CC CC	Discrete mathematics Object-oriented programming and Java Multivariable calculus and linear algebra Probability and statistics I University Common Core University Common Core	COMP2119 COMP2120 STAT2602 CC CC	Introduction to data structures and algorithms Computer organization Probability and statistics II University Common Core University Common Core
Year 3 (60 cu)	UG5 Requirements (6 cu) CS Core (30 cu) Electives (12 cu) STAT requirement (12 cu)	COMP3230 COMP3278 COMP3297 CENG9001 STAT Elective	Principles of operating systems Introduction to database management systems Software engineering Practical Chinese for engineering students Elective course in statistics	COMP3234 COMP3250 CS Elective CS Elective STAT Elective	Computer and communication networks Design and analysis of algorithms Elective course in computer science Elective course in computer science Elective course in statistics
	Summer# (0 cu)	COMP3410	Internship		
Year 4 (60 cu)	UG5 Requirements (6 cu) Capstone Experience (12 cu) Electives (24 cu) STAT requirement (18 cu)	COMP4801 CAES9542 CS Elective CS Elective STAT Elective	Final year project Technical English for computer science Elective course in computer science Elective course in computer science Elective course in statistics	COMP4801 CS Elective CS Elective STAT Elective STAT Elective	Final year project Elective course in computer science Elective course in computer science Elective course in statistics Elective course in statistics

\# Student can take the Internship course in the 2nd summer provided they can identify a suitable summer placement (which is approved by the department).