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

		Semester 1		Semester 2	
Year 1 (60 cu)	UG5 Requirements (18 cu) General 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 (60 cu)	UG5 Requirements (24 cu) CS Core (24 cu) IS requirement (12 cu)	COMP2121 COMP2396 ACCT1101 / ECON1210 / IIMT2601 CC CC	Discrete mathematics Object-oriented programming and Java Introduction to financial accounting / Introductory microeconomics / Management information systems University Common Core University Common Core	COMP2119 COMP2120 ACCT1101 / ECON1210 / IIMT2601 CC CC	Introduction to data structures and algorithms Computer organization Introduction to financial accounting / Introductory microeconomics / Management information systems University Common Core University Common Core
Year 3 (60 cu)	UG5 Requirements (6 cu) CS Core (30 cu) Electives (12 cu) IS requirement (12 cu)	COMP3230 COMP3278 COMP3297 CENG9001 ACCT1101 / ECON1210 / IIMT2601	Principles of operating systems Introduction to database management systems Software engineering Practical Chinese for engineering students Introduction to financial accounting / Introductory microeconomics / Management information systems	COMP3234 COMP3250 CS Elective CS Elective XXXXxxxx	Computer and communication networks Design and analysis of algorithms Elective course in computer science Elective course in computer science A prescribed statistics course
	Summer# (0 cu)	COMP3410	Internship		
Year 4 (60 cu)	UG5 Requirements (6 cu) Capstone Experience (12 cu) Electives (30 cu) IS requirement (12 cu)	COMP4801 CAES9542 CS Elective CS Elective IIMT3602 / IS Elective	Final year project Technical English for computer science Elective course in computer science Elective course in computer science Information systems analysis and design / IS Elective (Advanced level) in lieu of IIMT3601	COMP4801 CS Elective CS Elective Free Elective IIMT3602 / IS Elective	Final year project Elective course in computer science Elective course in computer science Elective course in any disciplines Information systems analysis and design / IS Elective (Advanced level) in lieu of IIMT3601

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