

Sample Study Plan for BEng(CompSc) with 2nd Major in Information Systems [for 2018-19 intake]

		Semester 1		Semester 2	
Year 1 (66 cu)	UG5 Requirements (18 cu) Engineering (42 cu) IS Requirement (6 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 ACCT1101 / ECON1210	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 Introduction to financial accounting / Introductory microeconomics
Year 2 (72 cu)	UG5 Requirements (24 cu) CS Core (24 cu) IS Requirement (24 cu)	COMP2121 COMP2396 CC CC ACCT1101 / ECON1210 IIMT2601	Discrete mathematics Object-oriented programming and Java University Common Core University Common Core Introduction to financial accounting / Introductory microeconomics Management information systems	COMP2119 COMP2120 CC CC FINA1310 MGMT2401 / MKTG2501	Introduction to data structures and algorithms Computer organization University Common Core University Common Core Corporate finance Principles of management / Introduction to marketing
Year 3 (72 cu)	UG5 Requirements (6 cu) CS Core (30 cu) Electives (12 cu) IS Requirement (24 cu)	COMP3230 COMP3278 COMP3297 CENG9001 MGMT2401 / MKTG2501 XXXXxxxx	Principles of operating systems Introduction to database management systems Software engineering Practical Chinese for engineering students Principles of management / Introduction to marketing A prescribed Stat course	COMP3234 COMP3250 CS Elective CS Elective IIMT3602 IIMT3603	Computer and communication networks Design and analysis of algorithms Elective course in computer science Elective course in computer science Information systems analysis and design Project Management
	Summer# (0 cu)	COMP3410	Internship		
Year 4 (60 cu)	UG5 Requirements (6 cu) Capstone Experience (12 cu) Electives (24 cu) IS Requirement (18 cu)	COMP4801 CAES9542 CS Elective CS Elective IS Elective	Final year project Technical English for computer science Elective course in computer science Elective course in computer science IS Elective (Advanced level) in lieu of IIMT3601	COMP4801 CS Elective CS Elective STRA4701 IIMT4601	Final year project Elective course in computer science Elective course in computer science Strategic management Information systems project management

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