

## Sample Study Plan for BEng(CompSc) with Minor in Information Systems [for 2018-19 to 2020-21 intakes]

		Semester 1		Semester 2	
Year 1 (60 cu)	UG5 Requirements (18 cu)	MATH1851 /	Calculus and ordinary differential equations /	MATH1851 /	Calculus and ordinary differential equations /
		MATH1853	Linear algebra, probability and statistics	MATH1853	Linear algebra, probability and statistics
	General Engineering (42 cu)	ENGG1300 /	Fundamental mechanics /	ENGG1300 /	Fundamental mechanics /
		ENGG1310	Electricity and electronics	ENGG1310	Electricity and electronics
		ENGG1330	Computer programming I	ENGG1340	Computer programming II
		CAES1000 /	Core University English /	CAES1000 /	Core University English /
ENGG1320	Engineers in the modern world	ENGG1320	Engineers in the modern world		
CC	University Common Core	CC	University Common Core		
Year 2 (60 cu)	UG5 Requirements (24 cu)	COMP2119 /	Introduction to data structures and algorithms /	COMP2119 /	Introduction to data structures and algorithms /
		CC	University Common Core	CC	University Common Core
	CS Core (24 cu)	COMP2121	Discrete mathematics	COMP2120	Computer organization
		COMP2396	Object-oriented programming and Java	CC	University Common Core
		CC	University Common Core	CC	University Common Core
		ACCT1101 /	Introduction to financial accounting / Introductory	ACCT1101 /	Introduction to financial accounting / Introductory
ECON1210 /	microeconomics / Management information systems	ECON1210 /	microeconomics / Management information systems		
IIMT2601		IIMT2601			
Year 3 (60 cu)	UG5 Requirements (6 cu)	COMP3230	Principles of operating systems	COMP3234	Computer and communication networks
		COMP3278	Introduction to database management systems	COMP3250	Design and analysis of algorithms
	CS Core (30 cu)	COMP3297	Software engineering	CS Elective	Elective course in computer science
		CENG9001	Practical Chinese for engineering students	CS Elective	Elective course in computer science
		ACCT1101 /	Introduction to financial accounting / Introductory	XXXXxxxx	A prescribed statistics course
		ECON1210 /	microeconomics / Management information systems		
IIMT2601					
IS requirement (12 cu)					
Summer (0 cu)	COMP3410	Internship			
Year 4 (60 cu)	UG5 Requirements (6 cu)	COMP4801	Final year project	COMP4801	Final year project
		CAES9542	Technical English for computer science	CS Elective	Elective course in computer science
	Capstone Experience (12 cu)	CS Elective	Elective course in computer science	CS Elective	Elective course in computer science
		CS Elective	Elective course in computer science	Free Elective	Elective course in any disciplines
		IIMT3602 /	Information systems analysis and design / IS Elective	IIMT3602 /	Information systems analysis and design / IS Elective
		IS Elective	(Advanced level) in lieu of IIMT3601**	IS Elective	(Advanced level) in lieu of IIMT3601**
Electives (30 cu)					
IS requirement (12 cu)					

\*\* Students should consult FBE Temporary Academic Advisor for the exemption from IIMT3601.