Sample Study Plan for BEng(CompSc) with Minor in Japanese Language [for 2022-23 intake and thereafter]

		Semester 1		Semester 2	
Year 1 (60 cu)	UG5 Requirements && (18 cu) Engineering (42 cu)	MATH1851 / MATH1853	Calculus and ordinary differential equations / Linear algebra, probability and statistics	MATH1851 / MATH1853	Calculus and ordinary differential equations / Linear algebra, probability and statistics
		ENGG1300 / ENGG1310	Fundamental mechanics / Electricity and electronics	ENGG1300 / ENGG1310	Fundamental mechanics / Electricity and electronics
		ENGG1330	Computer programming I	ENGG1340	Computer programming II
		CAES1000 / ENGG1320	Core University English / Engineers in the modern world	CAES1000 / ENGG1320	Core University English / Engineers in the modern world
		CC	University Common Core	CC	University Common Core
Year 2 (60 cu)	UG5 Requirements && (18 cu) CS Core (30 cu) JL requirement (12 cu)	COMP2119	Introduction to data structures and algorithms	COMP2120	Computer organization
		COMP2121	Discrete mathematics	COMP3314	Machine Learning
		COMP2396	Object-oriented programming and Java	CC	University Common Core
		CC	University Common Core	CC	University Common Core
		JAPN1088	Japanese language I (Part 1)	JAPN1099	Japanese language I (Part 2)
Year 3 (60 cu)	UG5 Requirements && (12 cu) CS Core (24 cu) Electives (12 cu) JL requirement (12 cu)	COMP3230	Principles of operating systems	COMP3251 / COMP3252	Algorithm design / Algorithm design and analysis
		COMP3278	Introduction to database management systems	CS Elective	Elective course in computer science
		COMP3297	Software engineering	CS Elective	Elective course in computer science
		CENG9001	Practical Chinese for engineering students	CC	University Common Core
		JAPN2088	Japanese language II (Part 1)	JAPN2099	Japanese language II (Part 2)
	Summer (0 cu)	COMP3410	Internship		
Year 4 (54 cu)	UG5 Requirements && (6 cu) Capstone Experience (12 cu) Electives (30 cu) JL requirement (12 cu)	COMP4801	Final year project	COMP4801	Final year project
		CAES9542	Technical English for computer science	CS Elective	Elective course in computer science
		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
		JAPN3088	Japanese language III (Part 1)	JAPN3099	Japanese language III (Part 2)

&& A new UG5 requirement – Successful completion of any other non-credit bearing course(s) for fostering students' whole-person development