

Sample Study Plan for BEng(CompSc) with Minor in Japanese Language [for 2018-19 intake]

		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 (60 cu)	UG5 Requirements (24 cu) CS Core (24 cu) JL requirement (12 cu)	COMP2121 COMP2396 JAPN1088 CC CC	Discrete mathematics Object-oriented programming and Java Japanese language I (Part 1) University Common Core University Common Core	COMP2119 COMP2120 JAPN1099 CC CC	Introduction to data structures and algorithms Computer organization Japanese language I (Part 2) University Common Core University Common Core
Year 3 (60 cu)	UG5 Requirements (6 cu) CS Core (30 cu) Electives (12 cu) JL requirement (12 cu)	COMP3230 COMP3278 COMP3297 CENG9001 JAPN2088	Principles of operating systems Introduction to database management systems Software engineering Practical Chinese for engineering students Japanese language II (Part 1)	COMP3234 COMP3250 CS Elective CS Elective JAPN2099	Computer and communication networks Design and analysis of algorithms Elective course in computer science Elective course in computer science 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 CAES9542 CS Elective CS Elective JAPN3088	Final year project Technical English for computer science Elective course in computer science Elective course in computer science Japanese language III (Part 1)	COMP4801 CS Elective CS Elective Free Elective JAPN3099	Final year project Elective course in computer science Elective course in computer science Elective course in any disciplines Japanese language III (Part 2)

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