Sample Study Plan for BEng(CompSc) with Minor in Japanese Language [3-Year Curriculum]

		Semester 1			Semester 2		
Year 1 (66 cu)	UG5 Requirements (6 + 9 cu)	ENGG1002	Computer programming and applications	6	CSIS1119	Introduction to data structures and algorithms	6
		ENGG1004	Mathematics IA	3	CSIS1120	Computer organization	6
		ENGG1007	Foundations of computer science	6	CSIS1123	Programming technologies and tools	6
	CS Core (21 + 18 cu)	ENGG10xx	1 General Engineering course *	6	CAES1503	English for computer science	3
		CAES1515	Professional and technical oral communication for engineers	3	UCC	University Common Core	6
	JL requirement (6 + 6 cu)	CENG1001	Practical Chinese language course for engineering students	3	JAPN1099	Japanese language I (Part 2)	6
		JAPN1088	Japanese language I (Part 1)	6			
Year 2 (66 cu)	UG5 Requirements (6 + 0 cu)	CSIS0230	Principles of operating systems	6	CSIS0234	Computer and communication networks	6
		CSIS0278	Introduction to database management systems	6	CSIS0250	Design and analysis of algorithms	6
	CS Core (12 + 12 cu)	CSIS0396	Object-oriented programming and Java #	6	ELEC2814	Engineering management and society	6
		UCC	University Common Core	6	CSIS0297	Introduction to software engineering #	6
	Complementary Studies (0 + 6 cu)	JAPN2088	Japanese language II (Part 1)	6	JAPN2099	Japanese language II (Part 2)	6
	Electives (6 + 6 cu)						
	JL requirement (6 + 6 cu)						
	Summer (6 cu)	CSIS1412	Industrial Training	6			
Year 3 (48 cu)	Capstone Experience (12 cu)	CSIS0801	Final year project	6	CSIS0801	Final year project	6
		CS Elective	Elective course in computer science	6	CS Elective	Elective course in computer science	6
	Electives (12 + 12 cu)	CS Elective	Elective course in computer science	6	Free Elective	Elective course in any disciplines	6
		JAPN2188	Japanese language III (Part 1)	6	JAPN2199	Japanese language III (Part 2)	6
	JL requirement (6 + 6 cu)						

* List of General Engineering Courses (6 cu each):

ENGG1006	Engineering for sustainable development		ENGG1015	Introduction to electrical and electronic engineering
ENGG1009	Industrial management and logistics		ENGG1018	Introduction to mechanical engineering
ENGG1011	Introduction to biomedical engineering			

Academic Advisor's recommendation of CS elective courses