

BComp(CS) Sample Study Plans

These study plans are provided as guidelines only and are based on the assumption that students take a semester off for ATAP. The plans complete the core foundations and the focus area primaries as early as possible and complete all ULR within the first two years, while spreading the load of mathematic/science over the first three years. Numerous other possibilities exist.

Students may consult the CS Curriculum Chair with their study planning, at cs-curriculum@comp.nus.edu.sg

Last Update: 15 June 2017

Sample Study Plan for B.Comp(CS) Cohort AY17/18

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2105	Focus Area	
	CS2106	Math & Sci	
	ULR	ULR	
		ULR	
Year 3	CS3201	Focus Area	ATAP
	CS3202	Focus Area	
	Focus Area	UE	
	Focus Area	UE	
	Math & Sci	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Theory and Algorithm Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2105	Focus Area	
	CS2106	Math & Sci	
	ULR	ULR	
		ULR	
Year 3	CS3201	CS4231	ATAP
	CS3202	Focus Area	
	CS4232	Math & Sci	
	CS4234	UE	
	UE	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Artificial Intelligence Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2105	CS3243	
	CS2106	Math & Sci	
	ULR	ULR	
		ULR	
Year 3	CS3201	Focus Area	ATAP
	CS3202	CS4244	
	CS4246	CS3244	
	Math & Sci	UE	
	UE	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Networking and Distributed Systems Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2105	Focus Area	
	CS2106	Math & Sci	
	ULR	ULR	
		ULR	
Year 3	CS3201	Focus Area	ATAP
	CS3202	CS4222	
	CS3103	UE	
	CS4226	UE	
	Math & Sci	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Database Systems Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2105	CS3223	
	CS2102	CS2106	
	ULR	ULR	
		ULR	
Year 3	CS3201	Focus Area	ATAP
	CS3202	CS4221	
	CS4224	Math & Sci	
	Math & Sci	UE	
	UE	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Multimedia Information Retrieval Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2105	CS3245	
	CS2108	CS2106	
	ULR	ULR	
		ULR	
Year 3	CS3201	Focus Area	ATAP
	CS3202	CS4242	
	CS4248	Math & Sci	
	Math & Sci	UE	
	UE	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Computer Security Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2107	CS3235	
	CS2105	ULR	
	CS2106	ULR	
	ULR		
Year 3	CS3201	Focus Area	ATAP
	CS3202	CS4238	
	CS4236	Math & Sci	
	Math & Sci	UE	
	UE	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Computer Graphics and Games Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2105	CS3247	
	CS3241	ULR	
	CS2106	ULR	
	ULR		
Year 3	CS3201	CS4347	ATAP
	CS3202	CS3242	
	CS4350	Math & Sci	
	Math & Sci	UE	
	UE	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Parallel Computing Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2105	CS3211	
	CS3210	ULR	
	CS2106	ULR	
	ULR		
Year 3	CS3201	Focus Area	ATAP
	CS3202	CS4231	
	CS4223	Math & Sci	
	Math & Sci	UE	
	UE	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

*: For first three semesters, students should take PC1221, MA1521 and MA1101R for "Math & Sci" before taking CS3242.

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Programming Languages Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	CS3211	
	CS2105	ES2660	
	CS2104	ULR	
	CS2106	ULR	
	ULR		
Year 3	CS3201	Focus Area	ATAP
	CS3202	CS4215	
	CS4212	Math & Sci	
	Math & Sci	UE	
	UE	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	

Sample Study Plan for B.Comp(CS) Cohort AY17/18
Software Engineering Focus Area

	Semester 1	Semester 2	Special Terms
Year 1	CS1010	CS2030	Orbital
	CS1231	CS2040	
	Math & Sci	CS2100	
	Math & Sci	IS1103	
	ULR	ULR	
Year 2	CS2103T	CS3230	
	CS2101	ES2660	
	CS2105	Focus Area	
	CS2106	ULR	
	Math & Sci	ULR	
	ULR		
Year 3	CS3201	Focus Area	ATAP
	CS3202	CS4218	
	CS3219	Math & Sci	
	CS4211	UE	
	UE	UE	
Year 4	ATAP	Focus Area	
		UE	
		UE	
		UE	
		UE	