

Sample Study Plan for BEng(CompSc) with 2nd Major in Finance [for 2018-19 intake]

		Semester 1		Semester 2	
Year 1 (66 cu)	UG5 Requirements (18 cu) Engineering (42 cu) Fin Requirement (6 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 ACCT1101 / ECON1210 / ECON1220	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 Introduction to financial accounting / Introductory microeconomics / Introductory macroeconomics
Year 2 (72 cu)	UG5 Requirements (24 cu) CS Core (24 cu) Fin Requirement (24 cu)	COMP2121 COMP2396 CC CC ACCT1101 / ECON1210 / ECON1220 ACCT1101 / ECON1210 / ECON1220	Discrete mathematics Object-oriented programming and Java University Common Core University Common Core Introduction to financial accounting / Introductory microeconomics / Introductory macroeconomics Introduction to financial accounting / Introductory microeconomics / Introductory macroeconomics	COMP2119 COMP2120 CC CC FINA1310 XXXXxxxx	Introduction to data structures and algorithms Computer organization University Common Core University Common Core Corporate finance A prescribed Stat course
Year 3 (72 cu)	UG5 Requirements (6 cu) CS Core (30 cu) Electives (12 cu) Fin Requirement (24 cu)	COMP3230 COMP3278 COMP3297 CENG9001 ECON2280 / FINA2320 / FINA2322 FINAxxxx	Principles of operating systems Introduction to database management systems Software engineering Practical Chinese for engineering students Introductory econometrics / Investments and portfolio analysis / Derivatives Disciplinary elective in lieu of MATH1013	COMP3234 COMP3250 CS Elective CS Elective ECON2280 / FINA2320 / FINA2322 ECON2280 / FINA2320 / FINA2322	Computer and communication networks Design and analysis of algorithms Elective course in computer science Elective course in computer science Introductory econometrics / Investments and portfolio analysis / Derivatives Introductory econometrics / Investments and portfolio analysis / Derivatives
	Summer [#] (0 cu)	COMP3410	Internship		
Year 4 (60 cu)	UG5 Requirements (6 cu) Capstone Experience (12 cu) Electives (24 cu) Fin Requirement (18 cu)	COMP4801 CAES9542 CS Elective CS Elective ECON4200 /FINAxxxx	Final year project Technical English for computer science Elective course in computer science Elective course in computer science Senior seminar in economics and finance / Disciplinary elective	COMP4801 CS Elective CS Elective ECON4200 /FINAxxxx FINAxxxx	Final year project Elective course in computer science Elective course in computer science Senior seminar in economics and finance / Disciplinary elective Disciplinary elective

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