Sample Study Plan for BASc(FinTech) with 2nd Major in Computer Science [for 2020/21 intake and thereafter]

		Semester 1		Semester 2	
Year 1 (60 cu) or (66 cu)#	Uni Requirements && (12 cu) or (18 cu)# BASc Core (12 cu) FinTech (30 cu) Electives (6 cu)	STAT1005 CC ENGG1330 FITE1010 ECON1210 CAES1000#	Essential skills for undergraduates: foundations of data science (for 2022/23 intake) University Common Core Computer programming I Introduction to financial technologies Introductory microeconomics Core University English#	BASC9001 CC FITE2000 ACCT1101 Free Elective / MATH1011**	Foundations of human knowledge University Common Core Foundations of fintech programming Introduction to financial accounting Elective course in any disciplines / University mathematics I
Year 2 (60 cu)	Uni Requirements && (12 cu) BASc Core (6 cu) FinTech (24 cu) Computer Science (18 cu)	DESN9002 STAT1005 CC MATH1853 FT Elective COMP2113	Sustainable Leadership (for 2022/23 intake) Essential skills for undergraduates: foundations of data science (for 2021/22 intake) University Common Core Linear algebra, probability and statistics Elective course in FinTech Programming technologies	CC FINA1310 FITE2010 COMP2120 CS Elective	University Common Core Corporate finance Distributed ledger and blockchain Computer organization Additional CS elective in lieu of COMP1117
Year 3 (60 cu)	Uni Requirements && (6 cu) FinTech (24 cu) Computer Science (30 cu)	LLAW3069 FT Elective CENG9001 / CS Elective COMP2119 COMP2121	Regulation of financial markets Elective course in FinTech Practical Chinese for engineering students / Elective course in Computer Science Introduction to data structures and algorithms Discrete mathematics	FT Elective FT Elective CENG9001 / CS Elective CS Elective CS Elective	Elective course in FinTech Elective course in FinTech Practical Chinese for engineering students / Elective course in Computer Science Elective course in Computer Science Elective course in Computer Science
Year 4 (60 cu)	Uni Requirements && (6 cu) FinTech (18 cu) Computer Science (36 cu)	FITE4801 CAES9542 FT Elective CS Elective CS Elective	Project Technical English for computer science Elective course in FinTech Elective course in Computer Science Elective course in Computer Science	FITE4801 COMP3297 CS Elective CS Elective CS Elective	Project Software engineering @ Elective course in Computer Science Elective course in Computer Science Elective course in Computer Science

\# - Students with level 4 in HKDSE English Language are required to take 6 additional credits in Core University English and complete 246 credits for graduation.

** - Students without DSE Extended Module 1 or 2 should take MATH1011 (as free elective) before taking MATH1853.

@ - Recommend using "COMP3297 Software engineering" to fulfill the requirement of capstone experience of the Major in Computer Science.

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