

Sample Study Plan for BASc(FinTech) with 2nd Major in **Computer Science** [for 2025-26 intake]

		Semester 1		Semester 2	
Year 1 (63 cu)	Uni Requirements && (15 cu) BASc Core (12 cu) FinTech (30 cu) CS requirement (6 cu)	BASC9001 COMP1117 FITE1010 ECON1210 CC CAES1001 # / AILT1001	Approaching Interdisciplinarity: Knowledge Beyond Disciplines Computer programming Introduction to financial technologies Introductory microeconomics University Common Core Academic Communication in English / AI Literacy I	SDST1016 FITE2000 ACCT1101 COMP2113 CC CAES1001 # / AILT1001	Data Science 101 Foundations of fintech programming Introduction to financial accounting Programming technologies University Common Core Academic Communication in English / AI Literacy I
Year 2 (69 cu)	Uni Requirements && (15 cu) BASc Core (6 cu) FinTech (24 cu) CS requirement (24 cu)	MATH1853** FT Elective CC AILTxxxx COMP2119 COMP2121	Linear algebra, probability and statistics Elective course in FinTech University Common Core AI Literacy II Introduction to data structures and algorithms Discrete mathematics	BASC9002 FINA1310 FITE2010 CC COMP2120 MATH1013^	Interdisciplinary Leadership and Sustainable Development Corporate finance Distributed ledger and blockchain University Common Core Computer organization University mathematics II
Year 3 (66 cu)	Uni Requirements && (6 cu) FinTech (24 cu) CS requirement (36 cu)	LLAW3069 FT Elective xxxxxxx MATH2012 COMP3230 CS Elective	Regulation of financial markets Elective course in FinTech Chinese for CDS students Fundamental concepts of mathematics Principles of operating systems Additional CS elective in lieu of COMP1117	FT Elective FT Elective COMP3314 MATH2014 CS Elective	Elective course in FinTech Elective course in FinTech Introduction to machine learning Multivariable calculus & linear algebra Elective course in Computer Science
Year 4 (60cu)	Uni Requirements && (6 cu) FinTech (18 cu) CS requirement (36 cu)	FITE4801 CAES9542 FT Elective SDST2601 CS Elective	Project Technical English for computer science Elective course in FinTech Probability & statistics I Additional CS elective in lieu of COMP4801	FITE4801 CS Elective CS Elective CS Elective CS Elective	Project Elective course in Computer Science Elective course in Computer Science Elective course in Computer Science Additional CS elective in lieu of COMP4801

Unless otherwise exempted through having achieved Level 5 or above in English Language in the Hong Kong Diploma of Secondary Education Examination, or equivalent.

** Students without DSE Extended Module 1 or 2 should take MATH1011 (as free elective) before taking MATH1853; for other qualifications, please refer to 2025-26 Student Handbook.

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

^ To fulfill the prerequisite requirements for MATH2012 and MATH2014.