

Sample Study Plan for BAsc(FinTech) with 2nd Major in Decision Analytics [for 2019/20 intake]

		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) Decision Analytics (6 cu)	DESN9001 Leadership beyond borders CC University Common Core ENGG1330 Computer programming I FITE1010 Introduction to financial technologies ECON1210 Introductory microeconomics CAES1000 [#] Core University English [#]	BASC9001 Foundations of human knowledge CC University Common Core MATH1853 Linear algebra, probability and statistics ACCT1101 Introduction to financial accounting SCNC1111 / Scientific method and reasoning / Fundamentals of SCNC1112 / modern science / University Math II MATH1013		
Year 2 (66 cu)	Uni Requirements (12 cu) BAsc Core (6 cu) FinTech (24 cu) Decision Analytics (24 cu)	APAI9001 Basic programming and computer software skills CC University Common Core STAT1603 Introductory statistics FT Elective Elective course in FinTech SCNC1111 / Scientific method and reasoning / Fundamentals of SCNC1112 / modern science / University Math II MATH1013 SCNC1111 / Scientific method and reasoning / Fundamentals of SCNC1112 / modern science / University Math II MATH1013	CC University Common Core FINA1310 Corporate finance ELEC2543 Object-oriented programming and data structures MATH2014 Multivariable calculus and linear algebra STAT2602 Probability and statistics II [@]		
Year 3 (60 cu)	Uni Requirements (6 cu) FinTech (24 cu) Decision Analytics (30 cu)	LLAW3069 Regulation of financial markets FT Elective Elective course in FinTech CENG9001 Practical Chinese for engineering students STAT3600 Linear statistical analysis MATH3904 Introduction to optimization	FT Elective Elective course in FinTech FT Elective Elective course in FinTech COMP3278 Introduction to database management systems STAT3612 Data mining DA Elective Additional DA elective course in lieu of COMP1117		
Year 4 (60 cu)	Uni Requirements (6 cu) FinTech (18 cu) Decision Analytics (36 cu)	FITE4801 Project CAES9542 Technical English for computer science FT Elective Elective course in FinTech DA Elective Elective course in Decision Analytics DA Elective / Elective course in Decision Analytics / DA Capstone DA capstone requirement	FITE4801 Project STAT4609 Big data analytics DA Elective Additional DA elective course in lieu of STAT2601 DA Elective Additional DA elective course in lieu of COMP2119 DA Elective / Elective course in Decision Analytics / DA Capstone DA capstone requirement		

- Students with level 4 in HKDSE English Language are required to take 6 additional credits in Core University English to complete their degree studies.

@ Apply waiver of prerequisite as STAT1603 is mutually exclusive with STAT2601. Students needed to approach the STAT department office and submit application letters. It takes about 1 week to process the applications.