Sample Study Plan for BEng(DS&E) with Minor in Finance

		Semester 1		Semester 2	
Year 1 (60 cu)	UG5 Requirements* (24 cu) Engineering Core (24 cu) DS&E (12 cu)	ENGG1330	Computer programming I	ENGG1340	Computer programming II
		MATH1013	University mathematics II	MATH2014	Multivariable calculus and linear algebra
		ENGG1320 / CAES1000	Engineers in the modern world / Core University English	ENGG1320 / CAES1000	Engineers in the modern world / Core University English
		CC	University Common Core	COMP2501	Introduction to data science and engineering
		CC	University Common Core	CC	University Common Core
Year 2 (60 cu)	UG5 Requirements* (18 cu) DS&E (24 cu) Electives (6 cu) Finance (12 cu)	STAT2601	Probability and statistics I	STAT2602	Probability and statistics II
		COMP2119	Introduction to data structure and algorithms	DS&E Elective	Elective course in DS&E
		CC	University Common Core	CC	University Common Core
		CC	University Common Core	Free Elective	Elective course in any disciplines
		ACCT1101 / ECON1210 / ECON1220	Introduction to financial accounting / Introductory microeconomics / Introductory macroeconomics	ACCT1101 / ECON1210 / ECON1220	Introduction to financial accounting / Introductory microeconomics / Introductory macroeconomics
Year 3 (60 cu)	UG5 Requirements* (6 cu) DS&E (30 cu) Capstone (6 cu) Electives (6 cu) Finance (12 cu)	COMP3314	Machine learning	COMP3278	Introduction to database management systems
		COMP3312	Law and ethics in data science	COMP3522	Real-life data science
		DS&E Elective	Elective course in DS&E	DS&E Elective	Elective course in DS&E
		CENG9001 /	Practical Chinese for Engineering Students /	CENG9001 /	Practical Chinese for Engineering Students /
		Free Elective	Elective course in any disciplines	Free Elective	Elective course in any disciplines
		ACCT1101 / ECON1210 / ECON1220	Introduction to financial accounting / Introductory microeconomics / Introductory macroeconomics	FINA1310 / XXxxxx	Corporate finance / A prescribed statistics course**
	Summer (0 cu)	COMP3510	Internship		
Year 4 (60 cu)	UG5 Requirements* (6 cu) DS&E (12 cu) Capstone (6 cu) Electives (24 cu) Finance (12 cu)	COMP4501 or COMP4502	Data Science in Discipline Project or Final Year Project	DS&E Elective	Elective course in DS&E
		CAES9542	Technical English for Computer Science	DS&E Elective	Elective course in DS&E
		FINA1310 / XXxxxx	Corporate finance / A prescribed statistics course**	FINA2320	Investments and portfolio analysis
		Free Elective	Elective course in any disciplines	Free Elective	Elective course in any disciplines
		Free Elective	Elective course in any disciplines	Free Elective	Elective course in any disciplines

* UG5(e) requirement – Successful – Successful completion of any other non-credit bearing course(s) for fostering students' whole-person development.
** Students should consult FBE Temporary Academic Adviser(s) of the Business School for a substitute course to the prescribed statistics course.