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

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

* 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.