

(For students admitted in 2017-18 under the 4-year degree)

BSc in Quantitative Social Analysis

Students taking the BSc Program in Quantitative Social Analysis as their first major are exempted from the School Requirements. However, they are still required to complete the University requirements in addition to the major requirements for graduation.

Some courses used to fulfill Major Requirements can also fulfill University Common Core Requirements. Students may reuse a maximum of 6 credits of these courses to count towards Common Core Requirements.

Major Requirements

Required Course(s)

			Credit(s) attained
SOSC	1100	Elementary Statistics for Social Research	3
SOSC	1200	Quantitative Social Analysis	3
SOSC	1210	First-Year Seminar for Quantitative Social Analysis	1
SOSC	2140	Research Methods in the Social Sciences	3
SOSC	2400	Intermediate Statistics for Social Research	3
SOSC		Note: Attainment of 2 credits from SOSC 3700 by taking the course for 2 times	2
	SOSC 3700	Quantitative Social Analysis Laboratory	1
SOSC	4100	Research Pro-seminar	1
SOSC	4110	Capstone Project	3
MATH		Note: [(MATH 1012 <u>OR</u> MATH 1013 <u>OR</u> MATH 1023) <u>AND</u> (MATH 1014 <u>OR</u> MATH 1024)] <u>OR</u> [MATH 1020]	4-7
	MATH 1012	Calculus IA	4
	MATH 1013	Calculus IB	3
	MATH 1014	Calculus II	3
	MATH 1020	Accelerated Calculus	4
	MATH 1023	Honors Calculus I	3
	MATH 1024	Honors Calculus II	3
MATH	2011	Introduction to Multivariable Calculus	3
MATH	2411	Applied Statistics	4
MATH		Note: MATH 2421 <u>OR</u> MATH 2431	4
	MATH 2421	Probability	4
	MATH 2431	Honors Probability	4
LANG	2070	English Communication for Humanities and Social Science Studies I	3

LANG/LABU		Note: LANG 3070 <u>OR</u> LABU 2060	3
LANG	3070	English Communication for Humanities and Social Science Studies II	3
LABU	2060	Effective Communication in Business	3
COMP		Note: COMP 1021 <u>OR</u> COMP 1022P <u>OR</u> COMP 1022Q	3
COMP	1021	Introduction to Computer Science	3
COMP	1022P	Introduction to Computing with Java	3
COMP	1022Q	Introduction to Computing with Excel VBA	3
COMP	1942	Exploring and Visualizing Data	3

Elective(s)

			Minimum credit(s) required
SOSC/MATH/ COMP/ISOM/ MARK		QSA Electives [8 courses from the specified elective list, of which at least 12 credits (4 courses) should be taken from each of the Topical and the Methodological areas.]	24
Topical			
SOSC	1661	Contemporary Hong Kong: Government & Politics	3
SOSC	1662	Contemporary Hong Kong: Society	3
SOSC	1860	Population and Society	3
SOSC	2310	Introductory Environmental and Health Economics	3
SOSC	2630	Development in Rural China	3
SOSC	3110	Innovation and Technology in Hong Kong	3
SOSC	3120	Economic Development	3
SOSC	3130	Hong Kong Culture	3
SOSC	3410	East Asian Economic Development	3
SOSC	3520	Understanding Comparative Politics	3
SOSC	3880	Social Inequality and Social Mobility	3
Methodological			
SOSC	3240	Application of Geographical Information Systems	3
SOSC	3600	Public Policy Analysis	3
SOSC	4320	Policy Analysis and Design for Sustainable Development	3
MATH	3423	Statistical Inference	3
MATH	3424	Regression Analysis	3
MATH	3426	Sampling	3
MATH	4423	Nonparametric Statistics	3
MATH	4424	Multivariate Analysis	3
MATH	4425	Introductory Time Series	3
COMP	2011	Introduction to Object-oriented Programming	4
ISOM	3360	Data Mining for Business Analytics	3
MARK	3220	Marketing Research	4