Suggested / Example Structure of BSc (Major in Statistics) Curriculum (for students admitted to Year 1 in 2024 and thereafter)

Year	One		Two		Three		Four	
Semester	One	Two	One	Two	One	Two	One	Two
Disciplinary Core	**MATH1013** University Mathematics II **STAT1600** Statistics: Ideas and Concepts	**MATH2014** Multivariable Calculus and Linear Algebra	**STAT2601** Probability and Statistics I	**STAT2602** Probability and Statistics II	**STAT3600** Linear Statistical Analysis	**STAT4602** Multivariate Data Analysis		

Disciplinary Elective					At least 36 credits from Lists A, B and C, among which at least 6 credits from List A, at least 12 credits from List B and at least 6 credits from List C:
					 List A
					    STAT3602 Statistical Inference
					    STAT3621 Statistical Data Analysis
					    STAT4610 Bayesian Learning
					 List B
					    STAT3603 Stochastic Processes
					    STAT3612 Statistical Machine Learning
					    STAT3620 Modern Nonparametric Statistics
					    STAT3655 Survival Analysis
					    STAT4601 Time-series Analysis
					 List C
					    STAT3021 Modern biostatistics
					    STAT3604 Design and Analysis of Experiments
					    STAT3606 Business Logistics
					    STAT3607 Statistics in Clinical Medicine and Bio-medical Research
					    STAT3608 Statistical Genetics
					    STAT3613 Marketing Engineering
					    STAT3617 Sample Survey Methods			

Capstone					At least 6 credits selected from the following courses:
					    STAT3799 Directed Studies in Statistics (6 credits)
					    STAT4710 Capstone Experience for Statistics Undergraduates (6 credits)
					    STAT4766 Statistics Internship (6 credits)
					    STAT4799 Statistics Project (12 credits)			

Science Foundation Courses	**SCNC1111** Scientific Method and Reasoning	**SCNC1112** Fundamentals of Modern Science						
Common Core	Six common core courses within the first three years							
Language	**CAES1000** Core University English (offered in both semesters)		**CAES9820** Academic English for Science Students or **CAES9821** Professional & Technical Communication for Statistical Sciences (offered in both semesters)		**CSCI9001** Practical Chinese for Science Students (offered in both semesters)			

Note 1: If there are any courses (offered by SAAS or not) mutually exclusive to any Core courses, students must take the course stated in the curriculum to fulfil the degree requirement of the First Major. Course replacement should only be applied for the other Major(s) or Minor(s).

Note 2: This table is for students' reference only for planning their studies ahead. Course offering semester and availability are subject to changes. Some courses are offered in both semesters.

Note 3: Please read the Faculty of Science's Student Handbook and Syllabuses & Regulations for more details.