

(Study Scheme – English)

**Minor Programme Title**

Statistics

**Study Scheme**

**Applicable to all students admitted in 2019-20 and thereafter**

**Minor Programme Requirement**

Students are required to complete a minimum of 23 units of courses as follows:

	Units
1. Required Courses: ERG2050, STA2002, 3050, 3100	11
2. Elective Courses: <sup>[1]</sup> 12 units of courses from the following: CSC4008, 4020, STA3007, 3010, 3020, 3030, 4001, 4002, 4003, 4005, 4007, 4020, 4030	12

**Total:** 23

(Study Scheme – Chinese)

副修課程名稱

統計學

修讀辦法

二〇一九至二〇年度及以後入學學生適用

副修課程要求

學生須至少修畢以下科目共 23 學分：

	學分
1. 必修科目： ERG2050, STA2002, 3050, 3100	11
2. 選修科目： <sup>[1]</sup> 從以下選修 12 學分： CSC4008, 4020, STA3007, 3010, 3020, 3030, 4001, 4002, 4003, 4005, 4007, 4020, 4030	12
共：	<hr/> 23

## Course List

### I. Required Courses

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
ERG2050	Introduction to Data Analytics	數據分析導論	3
STA2002	Probability and Statistics II	概率及統計 (二)	3
STA3050	Statistical Software	統計軟件	2
STA3100	Advanced Statistics	高等統計	3

### II. Elective courses

Course Code	Course Title (English)	Course Title (Chinese)	Unit(s)
CSC4008	Techniques for Data Mining	數據挖掘技術	3
CSC4020	Fundamentals of Machine Learning	機器學習之基礎課程	3
STA3007	Nonparametric Statistics	非參數統計	3
STA3010	Regression Analysis	迴歸分析	3
STA3020	Statistical Inference	統計推斷	3
STA3030	Survey Sampling	調查抽樣	3
STA4001	Stochastic Processes	隨機過程	3
STA4002	Multivariate Techniques with Business Applications	多元技術及其商業應用	3
STA4003	Time Series	時間序列	3
STA4005	Survival Modelling	生存數據模型	3
STA4007	Statistical Quality Control	統計品質控制	3
STA4020	Statistical Modelling in Financial Markets	金融市場的統計建模	3
STA4030	Categorical Data Analysis	範疇性數據分析	3